

094256



ASSESSMENT REPORT

describing

DIAMOND DRILLING, EXCAVATOR TRENCHING AND

GEOPHYSICAL SURVEYS

on the

GOLDEN REVENUE PROPERTY

NTS 115I/6

Latitude 62°20'N; Longitude 137°16'W

in the

Whitehorse Mining District
Yukon Territory

Prepared by

Archer, Cathro & Associates (1981) Limited

for

ATAC RESOURCES LTD.

by

T.C. Becker, B.Sc., P. Geo.
December 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 \$ 46,400.

M. But

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

TABLE OF CONTENTS

	<u>PAGE</u>
SUMMARY AND RECOMMENDATIONS	1
INTRODUCTION	4
LOCATION, CLAIM STATUS AND ACCESS	5
PREVIOUS WORK.....	7
PHYSIOGRAPHY AND GEOMORPHOLOGY	10
REGIONAL GEOLOGY	10
REGIONAL MINERALIZATION.....	11
PROPERTY GEOLOGY	12
PROPERTY MINERALIZATION AND GEOCHEMISTRY	14
PRE-2001 RESULTS - NUCLEUS ZONE.....	15
2001 WORK PROGRAM – NUCLEUS ZONE	16
CONCLUSIONS AND RECOMMENDATIONS	23
REFERENCES	25

TABLES

I	SIGNIFICANT INTERVALS –DIAMOND DRILLING AND REVERSE CIRCULATION PERCUSSION DRILLING - NUCLEUS ZONE	Following Page 19
II	CORRELATION COEFFICIENTS FOR ALL DRILL SAMPLES - NUCLEUS ZONE	Following Page 20
III	CORRELATION COEFFICIENTS FOR HYPOGENE DRILL SAMPLES – NUCLEUS ZONE	Following Page 20

APPENDICES

- I AUTHOR'S STATEMENT OF QUALIFICATIONS
- II GEOLOGICAL AND GEOTECHNICAL LOGS – 2001 DIAMOND DRILL HOLES
- III SYNOPTIC LOGS – ALL NUCLEUS ZONE DIAMOND DRILL HOLES
- IV CERTIFICATES OF ANALYSIS
- V FIELD REPORT –2001 GOLDEN REVENUE GEOPHYSICAL SURVEYS

FIGURES

<u>NO.</u>	<u>DESCRIPTION</u>	<u>LOCATION</u>
1	Location.	Following Page 5
2	Claim Location.	In Pocket
3	Regional Geology	Following Page 10
4	Property Geology	Following Page 12
5	Joint Stereonet, Revenue Block	Following Page 13
6	Joint Stereonet, Nucleus Block	Following Page 13
7	Foliation Stereonet, Golden Revenue Property	Following Page 13
8	Gold Geochemistry, Golden Revenue Property	Following Page 14
9	Gold Assays, Nucleus Zone	In Pocket
10	Compilation, Nucleus Zone.....	Following Page 17
11	Section 6,913,650 N	Following Page 17
12	Section 6,913,750 N	Following Page 17
13	Section 6,913,860 N	Following Page 17
14	Domain Boundaries – Nucleus Zone	Following Page 17
15	Exploration Targets – Nucleus Zone	Following Page 23

SUMMARY AND RECOMMENDATIONS

The Golden Revenue property lies within the Tintina Gold Belt, which stretches across central Yukon to southwestern Alaska and hosts a number of significant intrusion-related gold deposits including Pogo, Donlin Creek, Fort Knox, Dublin Gulch and Brewery Creek. Exploration on the property has identified exceptional multi-element soil geochemical anomalies, areas of low to moderate grade stockwork or breccia gold mineralization, and several higher grade gold veins. This report provides a property overview and describes results from work performed in summer 2001 primarily at the Nucleus Zone.

ATAC Resources Ltd. has consolidated three contiguous claim blocks totalling 151 claims (about 2490 hectares) to create the Golden Revenue property. The Nucleus and Revenue blocks consist of 31 and 69 claims, respectively. They are owned 100% by ATAC and are each subject to a 2% NSR royalty, three-quarters of which can be purchased at any time for \$600,000. The Big Creek block contains the other 51 claims, which are wholly owned by ATAC.

The Golden Revenue property is located 220 km northwest of Whitehorse in central Yukon. The Klondike Highway lies 60 km to the east. An 80 km road extends from the highway to the property where a system of four-wheel drive roads provides access to most areas of interest. The claims lie on the south side of Big Creek, a tributary of the Yukon River. Topography is gentle, consisting of an old peneplane that has been incised by dendritic drainages. Elevations range from 650 to 1150 m. Although most of the property is covered by residual soil, glacial, glaciofluvial and lacustrine deposits are common at lower elevations. Most of the property is heavily vegetated and outcrop is rare.

The property is underlain by Paleozoic or older metamorphic rocks belonging to the Yukon-Tanana Terrane, which are extensively intruded by Mesozoic igneous rocks of the Coast Plutonic Complex. The metamorphic rocks comprise schist and gneiss with minor amphibolite, quartzite and limestone. The intrusive rocks consist of a Jurassic syenite batholith and a Cretaceous suite that includes a granodiorite to monzonite stock plus microgranite plugs, porphyry dykes and an enigmatic breccia unit. The major structural feature in the area is the northwest trending Big Creek Fault, which crosses the southwestern corner of the property. A splay off the fault parallels the northern property boundary and the area between these two structures is characterized by smaller north, northeast and east trending extensional faults.

Two types of mineralization have been identified on the claims. The first type consists of stockwork or breccia zones that have potential to host large tonnages of moderate to low grade gold mineralization. The second type comprises quartz±carbonate veins, which are usually gold bearing and occasionally high grade. Both types of mineralization are localized by the extensional faults.

In 2001 ATAC completed six diamond drill holes totaling 1202 m, plus 1092 linear metres of excavator trenching, 16.9 km of induced polarization (IP) surveys, 0.9 km of horizontal loop electromagnetic (HLEM) surveys and minor prospecting. All of the drilling, trenching and geophysical surveys were done in the vicinity of the Nucleus Zone.

The drill holes are located near the centre of the zone on three section lines spaced approximately 100 m apart. All of the holes are inclined at about -50° to the west. Each section line consists of two holes: an initial hole in the western part of the section and a later hole collared approximately 100 m to the east. Information from these holes is augmented by results from trenches and shallow, pre-2001 percussion or diamond drill holes.

Previous exploration of stockwork mineralization comprising the core of the Nucleus Zone produced encouraging gold results from an oxidized cap averaging about 60 m thick. The 2001 holes were specifically designed to test unweathered rocks beneath the cap. These holes provided invaluable data regarding: distribution of gold; associated sulphide mineralization and wallrock alteration, and, orientation of structures and geological contacts. Interpretation of the data suggest that, although the gold is generally correlated with sulphide abundance and fracture density, it is not directly linked to any particular sulphide or fracture set. Rather the overall distribution of gold within the stockwork system appears to be primarily controlled by proximity to a series of en echelon, moderately east dipping quartz-feldspar porphyry dykes that intruded along pre-existing or coeval faults.

The best gold grades and highest concentrations of sulphide minerals are found in wallrocks adjacent to the dykes, in breccia or vein zones developed along their apices and sometimes within the dykes themselves. The only commonly recognized sulphide minerals are pyrite, arsenopyrite and chalcopyrite, which are locally overprinted by chalcocite in a thin discontinuous supergene blanket at the base of oxidation. Sulphide minerals collectively comprise 1 to 5% of the rock, averaging more than 3.5% in most gold enriched sections. Statistical analysis indicates that bismuth is the only metal that is well correlated with gold. Although the rocks are often strongly clay altered at surface, hypogene alteration is weak and rarely extends more than 10 m from intrusive bodies.

The 2001 drill results are generally encouraging and together with data from earlier work suggest that most of the gold occurs in a series of broad bands approximately paralleling the trend of the porphyry dykes. The best intersection grades 1.32 g/t gold over 57.76 m and is one of three mineralized intervals in hole DN01-03. These intervals are particularly important because they lie northwest of the mineralized area outlined by trenching and, while blind to surface, they correspond with chargeability highs identified by the IP survey.

Although all of the 2001 holes produced multiple gold intersections, the widest intervals were obtained from the western hole on each section line. The only variable that would appear to account for the weaker gold values in the eastern holes is a marked decrease in the thickness and abundance of porphyry dykes. Similar rapid variations in gold grades and geology are common in many parts of the zone, both vertically and horizontally.

Excavator trenching in 2001 was mostly done to test targets on the periphery of the Nucleus Zone. The most promising discovery lies about 300 m south of the 2001 drill area, where high grade assays were obtained from quartz veins exposed in two trenches located 120 m apart.

Channel samples averaged 8.89 g/t gold over 3.3 m in the northerly trench and 3.63 g/t gold over 9.5 m in the southerly trench. Both veins project to similar structures exposed in earlier trenches, one of which lies 220 m further to the south and contains an interval that returned 3.57 g/t gold

over 5.0 m. The veins have the same general orientation as the porphyry dykes; thus, they may represent distal, more concentrated facies of mineralization developed along the fault system that controlled emplacement of the dykes.

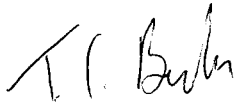
The IP surveys outlined a series of moderate chargeability highs that span a length of 1200 m and are still open along strike. These anomalies roughly parallel the surface trace of porphyry dykes and associated stockwork mineralization but are offset from them about 50 to 150 m to the east. The survey was designed to test beneath the oxide cap and targeted sulphide enrichments located about 100 m below surface. Therefore, the observed offset between the surface mineralization and source of the chargeability anomalies is consistent with the moderate east dip inferred for the porphyry dyke system. The modeled sulphide abundance in the chargeability highs is 3.5 to 5%, which agrees with observed abundance in mineralized intervals in drill holes. With the exception of hole DN01-03, the 2001 drill holes cut through the target depth of 100 m in areas with relatively low chargeability. The particularly encouraging results from hole DN01-03 coupled with the size of the geophysical anomalies makes them priority targets for future drill programs.

Despite narrower than expected intersections in some of the 2001 drill holes, the Nucleus Zone remains a prime exploration prospect. Geological and assay data from excavator trenches together with results from geochemical and geophysical surveys have outlined five targets peripheral to the 2001 drill area. Collectively the area of interest is some 1800 m long by 500 m wide, of which only a 200 by 200 m core has been tested systematically by drilling.

The next phase of exploration at the Golden Revenue property should continue to focus on the Nucleus Zone. Widely spaced diamond drilling is definitely warranted to test areas of high chargeability, especially where they lie downdip from stockwork mineralization exposed in trenches. A few shallow holes should also be drilled to determine the continuity of the mineralized veins discovered in trenches at the south end of the zone.

Respectfully submitted,

Archer, Cathro & Associates (1981) Limited

A handwritten signature in dark ink, appearing to read 'T. C. Becker', is written over the typed name.

Thomas C. Becker, P.Geo.

INTRODUCTION

The Golden Revenue property covers numerous gold showings located in central Yukon within the Dawson Range portion of the Tintina Gold Belt. ATAC Resources Ltd. has consolidated three adjoining landholdings to create a property totalling 151 claims (about 2490 hectares). The Nucleus block consists of 31 claims owned 100% by ATAC subject to a 2% NSR royalty, three-quarters of which can be purchased at any time for \$600,000. The Revenue block lies immediately east of the Nucleus block and consists of 69 claims. These claims were optioned in early 1999 from YKR International Resources Ltd. (now Gtech International Resources Limited) and ATAC has now earned a 100% interest, subject to a 2% NSR royalty, three-quarters of which can be purchased at any time for \$600,000. The Big Creek block consists of 51 claims that are wholly owned by ATAC. These claims were staked peripheral to the other blocks.

This report describes exploration conducted between early June and early September 2001. The program utilized a one to six person crew, including at various times geologists T. Becker and D. Eaton, field assistants M. Skookum, V. Augustine and R. Moar and cooks N. Edelson and A. Slobogean. The work was done from a camp located on the property and consisted of 1202 m of diamond drilling in six holes, 1092 linear metres of excavator trenching, 16.9 km of IP surveys, 0.9 km of HLEM surveys and minor prospecting. The program was managed by Archer, Cathro & Associates (1981) Limited and supervised by the author. Appendix I contains the Author's Statement of Qualifications.

LOCATION, CLAIM STATUS AND ACCESS

The Golden Revenue property consists of 151 claims located in central Yukon at latitude 62°20' north and longitude 137°16' west on NTS 115I/6 (Figure 1). They are registered with the Whitehorse Mining Recorder in the name of Archer, Cathro & Associates (1981) Limited which holds them in trust for ATAC Resources Ltd. Claim data are listed below while individual claim locations are shown on Figure 2.

<u>Claim Name</u>	<u>Grant Number</u>	<u>Expiry Date*</u>
<u>Revenue Block</u>		
Add 5-6	Y26371-Y26372	March 15, 2011
Addition 1-2	68060-68061	March 15, 2011
3-4	74488-74489	March 15, 2011
5	75323	March 15, 2011
Au 1-5	Y79564-Y79568	March 15, 2011
6-7	Y80439-Y80440	March 15, 2011
Bit 1F-6F	YA95206-YA95211	March 15, 2011
7F-13F	YA95214-YA95220	March 15, 2011
14F	YA95212	March 15, 2011
15F-18F	YA95221-YA95224	March 15, 2011
Homestake 1-2	75321-75322	March 15, 2011
Inca 1-4	Y21008-Y21011	March 15, 2011
7-8	Y21014-Y21015	March 15, 2011
Rev 11	Y25959	March 15, 2011
13-14	Y25961-Y25962	March 15, 2011
Rev-Cop 1F	YA95213	March 15, 2011
Revenue 3-4	Y26361-Y26362	March 15, 2011
5-6	Y26365-Y26366	March 15, 2011
7-8	Y26404-Y26405	March 15, 2011
9	Y21270	March 15, 2011
11	Y21272	March 15, 2011
13-16	Y24017-Y24020	March 15, 2011
21-22	Y24025-Y24026	March 15, 2011
Revenue Copper 1-8	67180-67187	March 15, 2011
Subtract 1F	YA97441	March 15, 2011
2-3	YA97442-YA97443	March 15, 2011
<u>Big Creek Block</u>		
More 1-2	YC09241-YC09242	February 19, 2003
3-8	YC09243-YC09248	February 19, 2007
9	YC09249	February 19, 2003
10	YC09250	February 19, 2007
11-26	YC09251-YC0966	February 19, 2003
27-44	YC09332-YC09349	February 19, 2003

ATAC RESOURCES LTD.

FIGURE 1

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

LOCATION

GOLDEN REVENUE PROPERTY

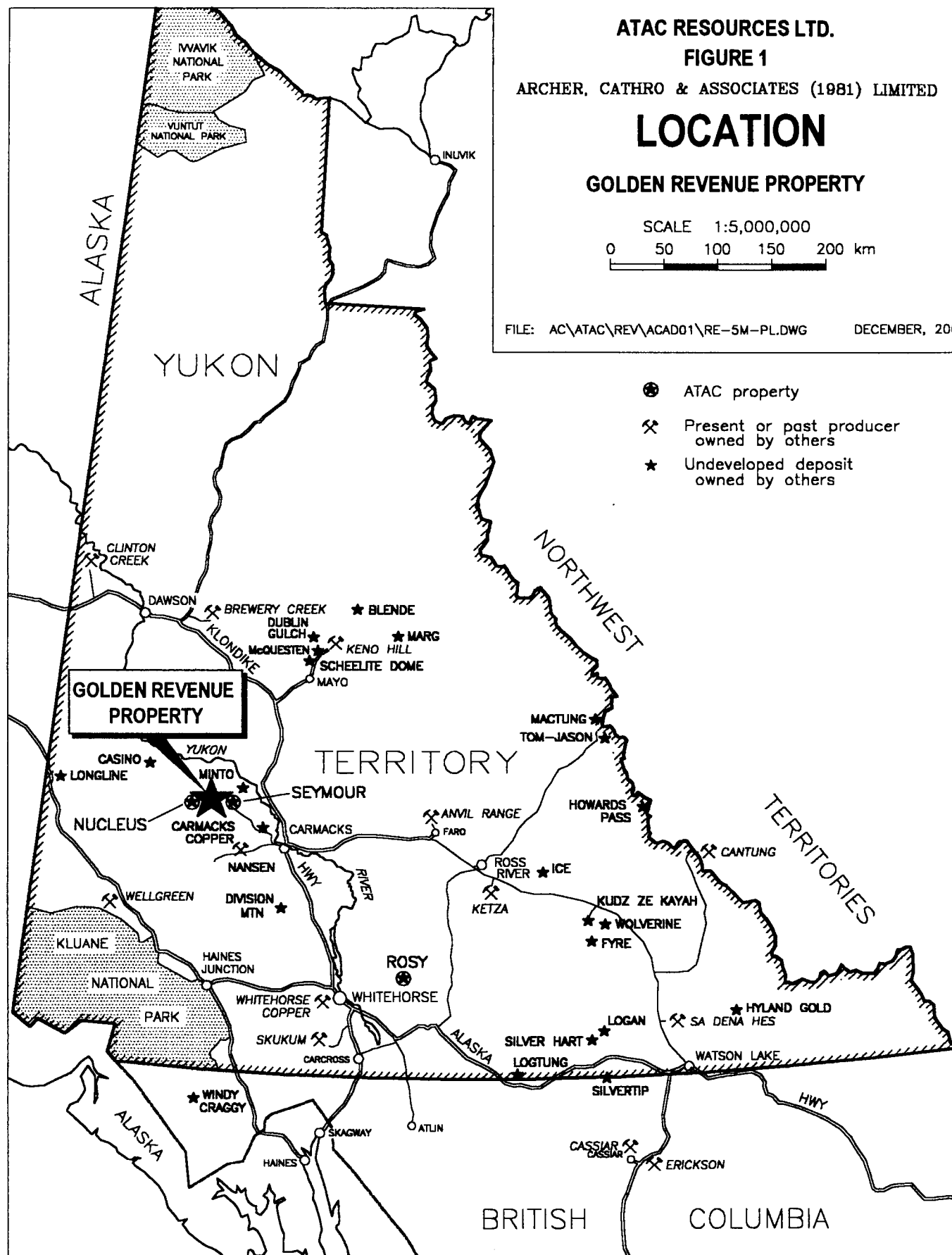
SCALE 1:5,000,000

0 50 100 150 200 km

FILE: AC\ATAC\REV\ACAD01\RE-5M-PL.DWG

DECEMBER, 2001

- ⊗ ATAC property
- ⌘ Present or past producer owned by others
- ★ Undeveloped deposit owned by others



<u>Claim Name</u>	<u>Grant Number</u>	<u>Expiry Date*</u>
Nuc 1F	YC09279	February 19, 2007
2-4	YC09280-YC09282	February 19, 2007
5F-7F	YC09283-YC09285	February 19, 2007
<u>Nucleus Block</u>		
Nucleus 2	YA51190	February 19, 2009
4	YA51192	February 19, 2009
6	YA51194	February 19, 2009
8	YA51196	February 19, 2009
10-30	YA51198-YA51218	February 19, 2009
41-44	YA60262-YA60265	February 19, 2009
47-48	YA60268-YA60269	February 19, 2009

*Expiry dates include 2001 work that has been filed for assessment credit but not yet accepted.

The claims can be reached using the 80 km long Freegold Road which connects to the Klondike Highway at Carmacks, about 180 km north of Whitehorse. An extensive system of four-wheel drive roads provides direct access to most parts of the property.

PREVIOUS WORK

Creeks draining the Golden Revenue property have been explored for placer gold intermittently since the early 1900's. Most creeks are still active with the best results coming from Revenue Creek, which has yielded 290.6 kg (9344 oz) since 1978 (Placer Mining Section, 1985 and 1991 and Mining Inspection Division, 1998). The largest placer miner in the area has recently moved his main operation from Revenue Creek to Mechanic Creek, which drains the Nucleus Zone. The most prospective claims on this creek have been tied up in an estate for several years and therefore have received relatively little work. Reported production from Mechanic Creek is only 14.3 kg (461 oz) mostly from the middle part of the drainage, which lies upstream from the known bedrock gold occurrences.

Placer gold from streams in the area often occurs as fragile wires and crystalline aggregates suggesting it is relatively near source. Other heavy minerals commonly associated with the gold include magnetite, pyrite and barite. Abundant scheelite plus rare tetradymite (a bismuth-tellurium sulphide), gold-bismuth-iron sulphides, native bismuth and maldonite (Au_2Bi) are reported in heavy mineral concentrates from Revenue Creek (Cathro and Main, 1986 and Main, 1989).

Revenue Block

The initial hard rock discovery on these claims was made in 1950 when F. Guder found a gold-bearing lens of nearly massive chalcopyrite and pyrite (Discovery Zone) while testing for placer gold on Revenue Creek. Guder staked the target and explored it with a short adit and trenches later that year.

The claims were optioned in 1951 to Conwest Exploration Limited, which conducted EM and resistivity surveys. In 1954 Teck Exploration Co. Ltd. conducted EM surveys (Clark, 1954) and the following year drilled five diamond drill holes totaling 372 m. This program was hampered by difficult ground conditions resulting in poor core recoveries. The claims were optioned again in 1959 by Consolidated Mining and Smelting Company (Cominco) and in 1964 by the Meridian Syndicate (Homestake Mining Company, Noranda Exploration Company Limited and Canex Aerial Exploration Limited), which did additional geochemical surveys and drilled three holes totalling 165 m (Dunn, 1965). This diamond drilling used small diameter equipment and again yielded poor recovery. All of these programs focused on the Discovery Zone high grade copper-gold mineralization.

In 1968 Yukon Revenue Mines Ltd. was formed to explore the claims. In the next two years it performed geochemical, magnetic and IP surveys, bulldozer trenching, road construction and 10 widely spaced, diamond drill holes totaling 1258 m (Baird, 1968; Granger, 1970). This work concentrated on the Discovery Zone but also tested some outlying copper soil geochemical anomalies. Drilling again obtained unsatisfactory core recovery from key intervals.

Kaiser Resources Ltd. optioned the claims in 1970 and explored porphyry copper potential. It performed property-wide grid soil geochemical and IP surveys, 2247 m of percussion drilling in 25 holes and 1851 m of diamond drilling in 13 holes (Johnson, 1970). This work failed to

identify pervasive alteration or mineralization characteristically associated with porphyry copper deposits. The claims subsequently reverted to Yukon Revenue, which did bulldozer trenching in 1974, 1978 and 1979 and completed three diamond drill holes totaling 179.6 m in 1980.

Shakwak Exploration Company Limited optioned the claim block in 1983 and conducted geochemical, magnetic and EM surveys. In 1984 it drilled nine diamond drill holes totaling 628 m (Wallis, 1984), mostly in the Discovery Zone.

Most work since the mid-1980's has been directed toward bulk tonnage gold potential. In 1985 Big Creek Resources Ltd. (then called Nordac Mining Corporation) acquired Shakwak's option and performed property-wide multi-element soil geochemical surveys and extensive excavator trenching that year and in 1986 (Macdonald, 1985; Cathro and Main, 1986). In 1987 Big Creek and Rexford Minerals Ltd. formed a joint venture which carried out bulldozer and excavator trenching and 40 km of magnetic and EM surveys (Main and Duke, 1988). Big Creek completed two diamond drill holes totaling 296 m in 1988 (Main, 1988) and another 11, widely spaced holes totaling 1018 m in 1991 (Becker and Eaton, 1991). It subsequently merged with Pacific Sentinel Gold Corp. and the claims were later sold to Amarc Resources Ltd., which returned them to Yukon Revenue in 1995. Yukon Revenue changed its name to YKR International Resources Ltd. in 1996 and conducted ground magnetometer and VLF-EM surveys that year (Davis, 1996).

ATAC optioned the claims from YKR in early 1999. It performed prospecting and structural mapping later that year and excavator trenching, road construction and linecutting in 2000.

Nucleus Block

The eastern portion of the current Nucleus claim block was first staked in 1968 by Yukon Revenue as part of a larger contiguous land package that included the present Revenue block. Yukon Revenue conducted grid soil geochemistry later that year (Baird, 1968) then optioned the entire land package to Kaiser in 1970. Kaiser tested for porphyry copper on ground now covered by the Nucleus claims by drilling two diamond drill holes (301 m) and four percussion drill holes (325 m). These holes were widely spaced and returned discouraging results (Johnson, 1970). After Kaiser relinquished its option, Yukon Revenue allowed all of its claims, except those in the Revenue block, to expire.

The claims that now comprise the Nucleus block were staked in 1980 by Nat Joint Venture (Chevron Canada Limited and Armco Mineral Exploration Ltd.). Chevron later purchased Armco's interest and acquired additional claims to the west. From 1980 to 1984 the claims were explored with grid and reconnaissance soil geochemistry, magnetic and electromagnetic surveys, bulldozer trenching and three diamond drill holes totalling 315 m. The work identified two zones of widespread, moderate to low grade gold mineralization (Nucleus #1 and #2 Zones which were later amalgamated with adjacent ground to constitute the Nucleus Zone). These occurrences are considered to be potential heap leach targets because the host rocks are strongly oxidized and leached to a depth of about 60 m. Two preliminary cyanide leachability tests produced gold recoveries of 77.8 and 82.1%, respectively. One of the drill holes (DN84-1) extended beneath the leached cap and intersected weak supergene copper mineralization.

In 1987 Big Creek, in joint venture with Rexford, optioned the claims and explored them along with the Revenue block. The joint venture cut a few bulldozer trenches later that year and drilled 35 reverse circulation percussion holes (1283 m) in 1988 (Main, 1989). The drill program consisted of shallow, close spaced holes on 20 m centres in the core of the Nucleus Zone. The program was designed to determine the average grade and suitability of near surface gold mineralization for heap leach mining. Grades obtained were consistent with earlier results but planned metallurgical tests were not performed due to inadequate financing. In the spring of 1989, Rexford sold its interest in the property to Big Creek, which continued to test the Nucleus Zone with additional bulldozer trenches and six diamond drill holes (592 m) later that year (Becker and Eaton, 1989). This work better defined the limits of the auriferous oxide caps and confirmed that some parts of the zone are underlain by a blanket of supergene copper minerals overprinted on weak hypogene gold-copper mineralization. In 1991 Big Creek completed five more diamond drill holes (739 m), which defined new areas of oxide and hypogene gold mineralization but showed that the supergene blanket is discontinuous and that hypogene copper oxidation is sporadic (Becker and Eaton, 1991). Following Big Creek's merger with Pacific Sentinel the claims were sold to Amarc, which later sold them to W4 Joint Venture (a private group).

ATAC purchased the claims from W4 Joint Venture in 1999. The company performed grid soil sampling, prospecting and structural mapping later that year and linecutting in 2000.

Big Creek Block

The Big Creek block consists of 51 claims in three separate areas on the periphery of the Nucleus and Revenue blocks. ATAC staked the claims in February 1999.

The More claims lie northwest of the Nucleus block in an area that was previously staked by Cominco in 1969. Soil sampling the following year delineated extensive but weak copper anomalies. The claims were subsequently allowed to lapse. In 1974, the area was restaked by Klotassin Joint Venture (Newconex Canada Exploration Ltd., Marietta Resources International Ltd. and Molybdenum Corporation of America). The joint venture focused on the porphyry copper potential, conducting soil sampling and trenching. This work outlined weak to moderate copper anomalies and discovered minor malachite stained float, but again the claims were allowed to expire. The most significant work in the area was reconnaissance prospecting and soil sampling done by Chevron in the mid-1980s as part of a larger program on the Nucleus block. The soil sampling discovered several areas of anomalous gold values while prospecting located weak copper mineralization and a gold-tungsten bearing, chalcedony-fluorite vein.

The areas covered by the Nuc claims were previously staked and explored by various groups in the 1970's and 1980's. In 1970 Kaiser tested for porphyry copper mineralization in the northerly area with three diamond drill holes (447 m) and two percussion drill holes (158 m) producing negative results (Johnson, 1970). Chevron conducted soil sampling and prospecting within this area in the mid-1980s and identified a strong gold soil geochemical anomaly, some 350 m long and 50 to 150 m wide. Rock samples taken from the soil sample pits returned low to moderate gold values (Eaton, 1984). In 1987 Big Creek Joint Venture cut three bulldozer trenches in this area, exposing a few narrow, auriferous quartz veins (Main and Duke, 1988). Aside from reconnaissance soil sampling, no work has been done in the southerly area.

PHYSIOGRAPHY AND GEOMORPHOLOGY

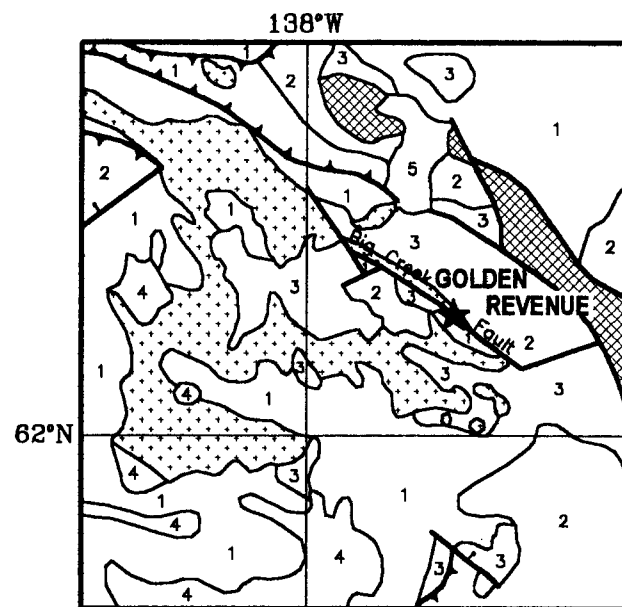
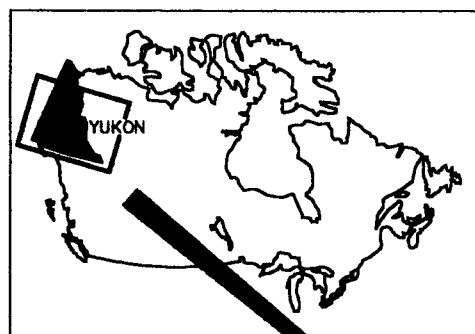
The property lies within the Dawson Range which is part of the Yukon Plateau physiographic terrane, consisting of an old peneplane that has been deeply incised by dendritic drainages. The claims cover gentle to moderate slopes on the south side of Big Creek, a tributary of the Yukon River. They are drained by four shallow, north flowing streams (Revenue, Mechanic, Bowlidden and No Name Creeks), which enter Big Creek along the northern edge of the property. Elevations range from 650 m on the banks of Big Creek to 1150 m on a ridge in the southern part of the property.

The claims were not covered by ice during the last glacial event, but the presence of glacial erratics on hilltops and till terraces below 800 m elevation indicates that they were completely or partially buried by earlier glaciation. Other prominent landforms include thick layers of glaciofluvial outwash gravel and lacustrine sediment deposited behind ice dams. These deposits blanketed the floor of the Big Creek valley and the lower stretches of its north flowing tributaries, thus burying pre-glacial stream channels. Tilting related to post-glacial rebound has pushed Big Creek toward the northern edge of its valley and its tributaries to the eastern margins of their drainages where they are actively cutting linear channels through the unconsolidated sediments.

The entire property lies below tree line, which is about 1200 m elsewhere in the region. North and west facing slopes are vegetated with stunted black spruce and thick moss, indicating permafrost is present. South and east facing slopes are covered by mature stands of spruce and aspen. The area has a continental climate characterized by low levels of precipitation and a wide temperature range. Summers are typically pleasant with extended daylight hours whereas winters are long, cold and dark. Most precipitation falls as rain in summer and the maximum depth of snow in winter rarely exceeds 60 cm.

REGIONAL GEOLOGY

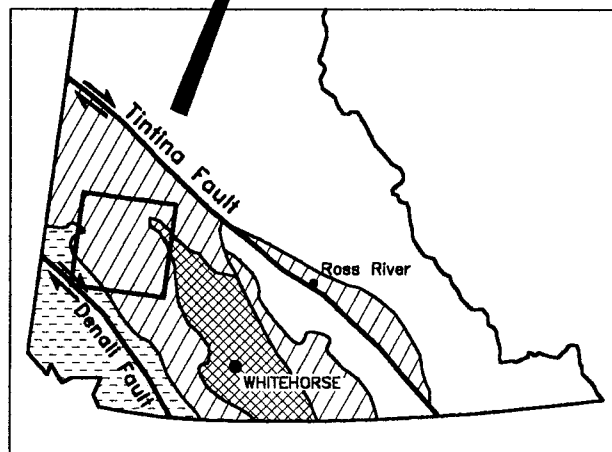
The Golden Revenue property lies within a belt of Paleozoic or older metasedimentary and lesser metavolcanic rocks belonging to the Yukon-Tanana Terrane (YTT). This package is thought to represent an island arc and associated miogeoclinal sediments that were deposited on the North American continental margin and accreted during late Triassic to early Jurassic times. The metamorphic rocks are extensively intruded and locally capped by Jurassic to Late Cretaceous igneous rocks of the Coast Plutonic Complex (Figure 3). The major structural feature in the area is the northwest trending Big Creek Fault, a poorly understood feature thought to form one flank of a graben related to Cretaceous or Tertiary extension (Carlson, 1987).



- 5 Quaternary volcanic rocks
- 4 Tertiary intrusive rocks
- 3 Mid-Late Cretaceous volcanic rocks
- Mid-Late Cretaceous intrusive rocks
- 2 Jurassic and Triassic intrusive rocks
- 1 Paleozoic or older metasedimentary rocks
- Intermontane Belt

SCALE 1:2,000,000
0 50
km

- Coastal and Insular Belts
- Intermontane Belt
- Yukon-Tanana Terrane and Slide Mountain Terrane
- Ancestral North America including Cassiar Terrane



ATAC RESOURCES LTD.

FIGURE 3
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
REGIONAL GEOLOGY
GOLDEN REVENUE PROPERTY

FILE: ...ATAC\GREV\ACAD01\RE-REGE0.DWG

DATE: DECEMBER, 2001

REGIONAL MINERALIZATION

The Golden Revenue property is one of a series of gold prospects that occur at 10 to 20 km intervals along a belt beginning with the Antoniuk Deposit 10 km to the southeast and continuing to the Casino Deposit 90 km to the northwest. A number of the prospects are located along side the Big Creek Fault. Some are classified as porphyry copper±molybdenum±gold deposits while others, including Golden Revenue, are considered to be intrusion-related gold deposits.

The porphyry copper±molybdenum±gold prospects in the Dawson Range are all sub-economic grade but generally resemble calc-alkalic porphyry deposits elsewhere in the Cordillera. These prospects usually exhibit a potassic core flanked by a zone of sulphide-destructive phyllic alteration that is in turn surrounded by a zone of propylitic alteration. Mineralization is best developed in the potassic core and adjacent to breccia pipes, dykes and porphyritic plugs. A lack of recent glaciation in the area has resulted in most deposits developing a leached oxide cap that is underlain by supergene enriched copper-oxide and/or copper-sulphide zones that are further underlain by hypogene mineralization. Precious metal veins flank a number of the prospects. The Casino, Mt. Cockfield and Cash Deposits belong to this group as does a large, poorly defined system in the northern part of the Mt. Nansen area.

Intrusion-related gold prospects within the Dawson Range are part of the Tintina Gold Belt, a broad arc of gold and silver deposits associated with Mid- to Late Cretaceous granitic intrusions that stretches from southeastern Yukon to southwestern Alaska (Baker, et al, 1998). The belt hosts the Fort Knox, Nixon Forks, Brewery Creek and Mt. Nansen gold mines plus a number of advanced gold projects including Pogo, Donlin Creek, True North and Dublin Gulch. Typically, mineralization at these deposits is situated in close proximity to the apices of Cretaceous intrusions that intrude miogeoclinal metasedimentary rocks. The gold is hosted within the intrusions or the adjacent wallrocks. Mineralization styles vary and include: quartz±sulphide veins; quartz±sulphide stockworks and sheeted vein systems; carbonate hosted disseminated gold; metasediment hosted replacement-style gold; magmatic and hydrothermal breccias and associated veins; hypabyssal dyke swarms; tungsten±copper±gold skarns; and, silver-lead-zinc quartz-siderite veins.

Alteration in the intrusive-related gold deposits is characteristically restricted to narrow vein envelopes and includes mixtures of carbonate, muscovite, potassium feldspar, albite, quartz, chlorite and rutile. Total sulphide content of the deposits is low. Sulphide assemblages vary between deposits but typically include pyrite and arsenopyrite with lesser bismuthinite, stibnite, pyrrhotite, chalcopyrite, molybdenite and scheelite. These minerals are reflected in a lithophile geochemical suite comprising gold, bismuth, arsenic, tellurium, tungsten and antimony with occasional molybdenum and tin (Thompson, et al, 1998). Several of the lode deposits are also located within active or historic placer gold districts.

Intrusions in the Tintina Gold Belt are generally passively emplaced at varying levels and range in size from small batholiths through stocks and isolated plugs to sill or dyke complexes. Many of the plutons are cut by late stage aplitic or pegmatic dykes that often containmiarolitic cavities. These late stage intrusions are commonly associated with gold-bismuth-tellurium mineralization.

PROPERTY GEOLOGY

Property geology is illustrated on Figure 4. Most of the claim block is underlain by a Cretaceous intrusive complex consisting of a granodiorite to monzonite stock (Revenue Stock) that is cut by microgranite plugs, feldspar porphyry dyke swarms and an enigmatic breccia unit. Older metamorphic rocks occur along the southern and western margins of the intrusive complex and within it as large roof pendants and smaller xenoliths. A syenite batholith is located in the southwestern corner of the property but is separated from the other rocks by the Big Creek Fault.

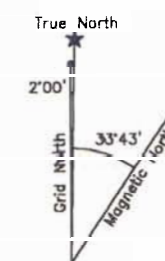
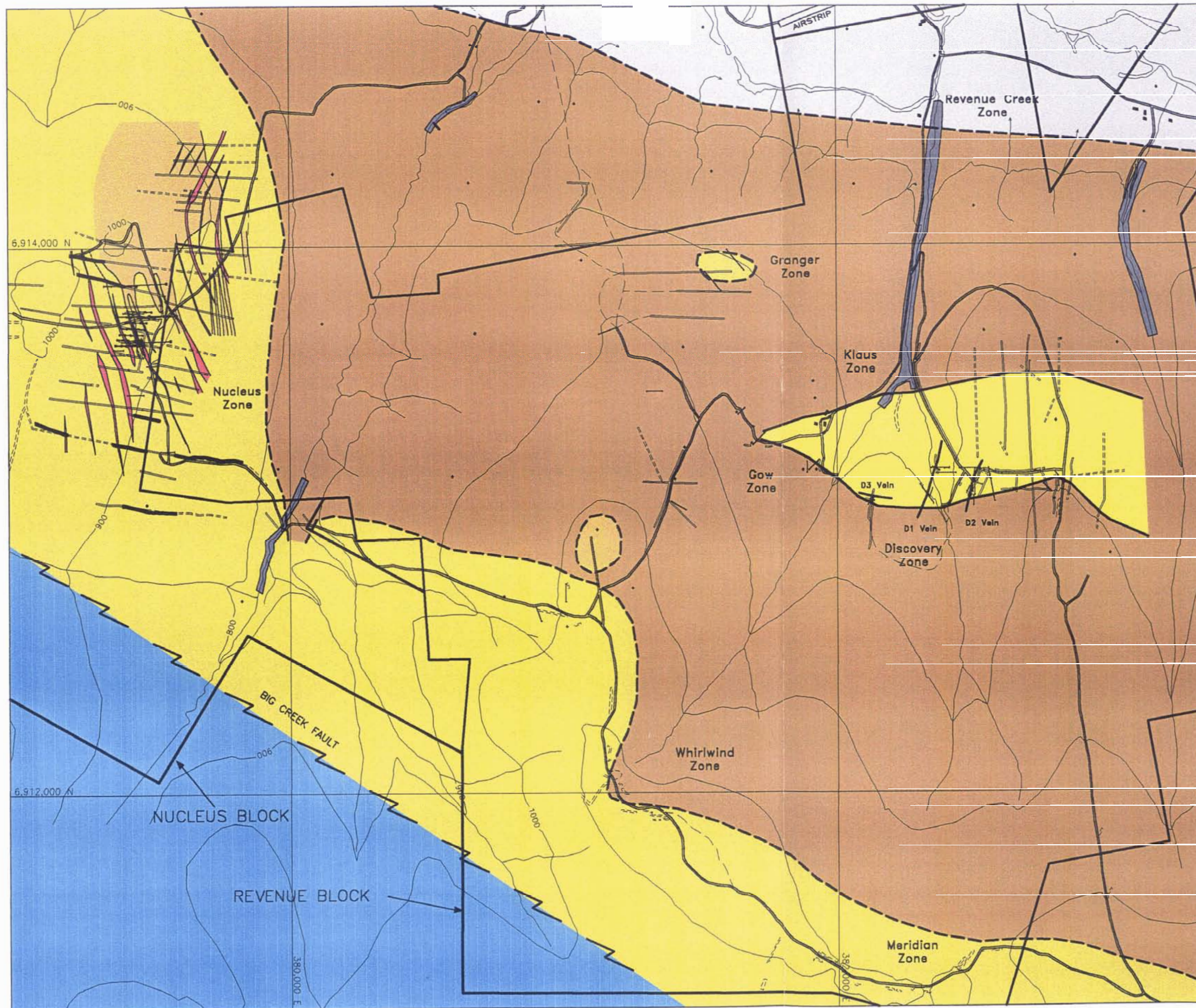
The oldest unit consists of metamorphic rocks of the YTT including quartz-feldspar-biotite gneiss, quartz-feldspar-chlorite gneiss, quartz-feldspar gneiss, chlorite schist, amphibolite, impure quartzite, quartz-feldspar granulite and rare limestone lenses. All metamorphic rocks are well foliated. At surface they are usually brown to grey, exhibit limonitic fractures, weather recessively and show alteration of feldspar and mafic minerals to clay. The protoliths were various sedimentary rocks, intermediate to felsic volcanics and mafic to felsic dykes. The package generally displays greenschist facies metamorphism.

The weakly foliated Big Creek Syenite is Jurassic in age and forms a large batholith south of the Big Creek Fault. It is resistant weathering, coarse to very coarse grained and often porphyritic. Orthoclase feldspar and hornblende are the main constituents. No syenite xenoliths have been reported in the Cretaceous intrusive complex, suggesting that the two units have been juxtaposed by the fault.

The oldest rocks of the Cretaceous intrusive complex belong to the Casino Granodiorite. This unit is medium to coarse grained, equigranular and non-foliated. It occurs throughout the property and is variable in composition. In the western part it is true granodiorite, while in the eastern part it ranges from quartz monzonite containing greater than 10% quartz with less than 5% biotite, to biotite monzonite containing little or no quartz and up to 15% biotite. These rocks are most common in the Revenue Stock but also occur as narrow dykes cutting the metamorphic rocks.

Microgranite is confined to a few small areas in the central part of the property. It is a tan to pale green, fine grained, extremely felsic rock containing between 1 and 5%, small (1 to 5 mm), euhedral plagioclase phenocrysts in a granophyric groundmass. Biotite originally comprised up to 3% of the rock but has generally been altered to chlorite or sericite. The unit is often highly fractured and brecciated near contacts and typically exhibits flow banding and abundant quartz veinlets. Flow banded microgranite is often difficult to distinguish from altered and bleached metamorphic rocks, especially where the rocks are weathered. Xenoliths of granodiorite and monzonite are occasionally found within the microgranite.

A variety of hypabyssal porphyritic dykes are found on the property. They exhibit compositions ranging from feldspar-hornblende-biotite porphyry to feldspar porphyry to rhyolitic quartz-feldspar porphyry to siliceous aplite and felsite. The felsic dykes cut all other units and are usually too narrow to be shown on property scale maps. In contrast, the mafic bearing dykes tend to be larger on average and are not known to cut microgranite or felsic porphyry. Carlson (1987) correlated feldspar-hornblende-biotite porphyry dykes with the Early Cretaceous Mt. Nansen Suite and quartz-feldspar porphyry dykes with the Late Cretaceous Carmacks Suite.



Approx. Mean Declination 1969
Annual Change Decreasing 3.8'
North American Datum 1927
UTM Zone 8
Contour Interval 100 m
NTS 115 1/6

LITHOLOGIES

RECENT

Glaciofluvial outwash

CRETACEOUS

Feldspar porphyry dyke swarm
Breccia unit
Microgranite
Granodiorite and monzonite

JURASSIC

Big Creek Syenite

PALEOZOIC OR OLDER

Gneiss, schist, amphibolite and minor limestone

SYMBOLS

- Geological contact, defined, assumed
- Major high angle fault
- Four-wheel drive road
- Bulldozer trail
- Bulldozer or excavator trench
- 2001 excavator trench
- Stripped area
- Placer workings
- Vertical and inclined diamond drill holes
- Vertical and inclined percussion drill holes
- Buildings

ATAC RESOURCES LTD.

FIGURE 4

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

PROPERTY GEOLOGY

GOLDEN REVENUE PROPERTY

SCALE 1:15000

0 150 300 450 600 750 m

DRAFTED/REVISED BY: TCB

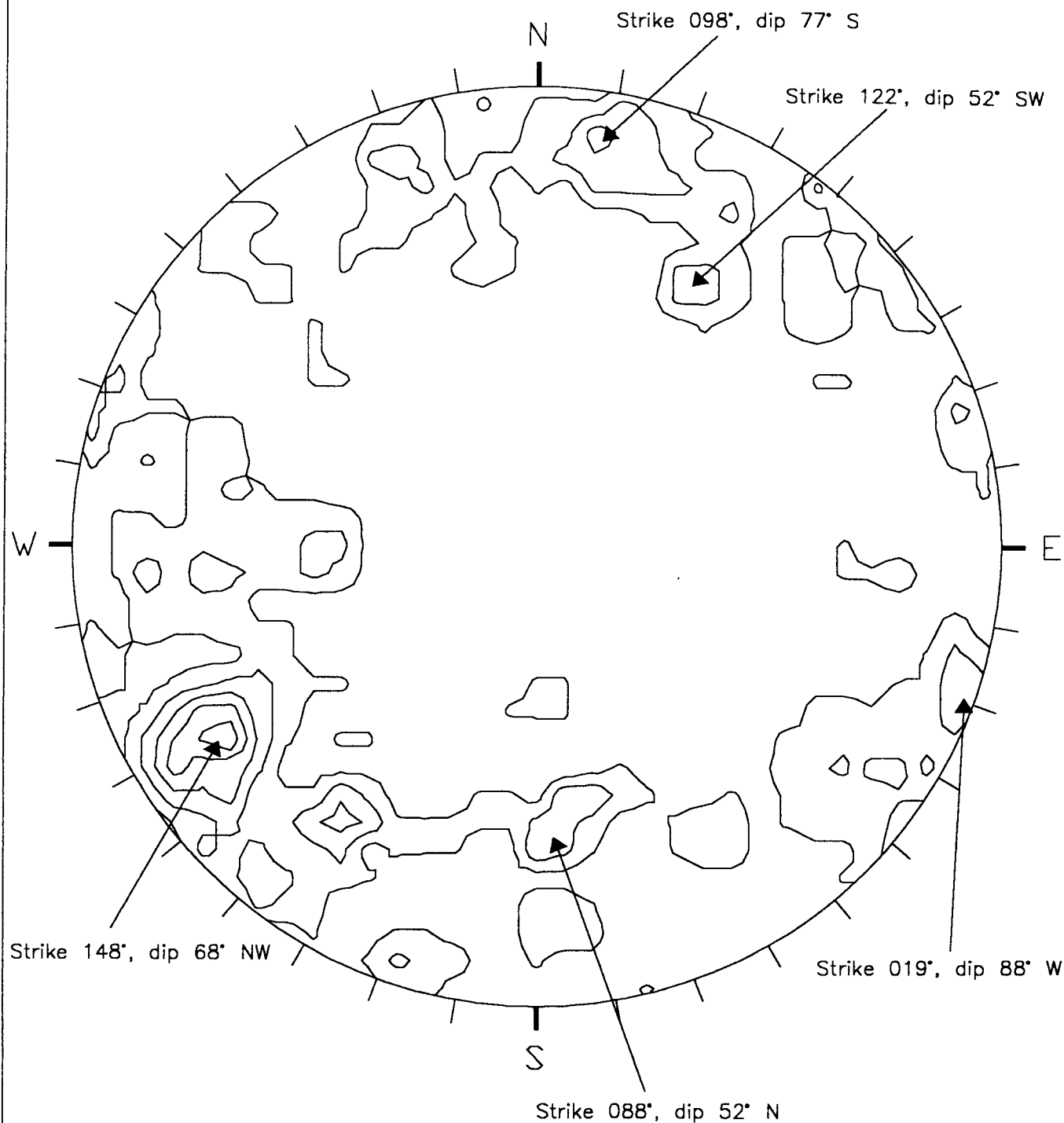
PROJECT:

FILE: C:\AC\ATAC\REV\ACAD01\REV-GEO.DWG

DATE: DECEMBER, 2001

An enigmatic breccia unit, some 2000 m long and up to 450 m wide, is developed within the Revenue Stock in the east-central part of the property. It consists of rounded to subangular, pebble to cobble sized fragments in a crushed, compositionally similar matrix. Most fragments are feldspar porphyry but other units, notably monzonite, microgranite and occasionally massive pyrite-chalcopyrite clasts, are also present. While some workers have categorized this unit as a graben-bounded tuff block, based on possible graded bedding, field relationships suggest it is more likely a subvolcanic breccia pipe formed at the time that the porphyry was being emplaced. Evidence for this coeval relationship is provided by abundant porphyry fragments in the breccia which clearly indicate the breccia is younger than the some of the porphyry, and by narrow, unbrecciated porphyry dykes of similar composition that cut the breccia suggesting the porphyry was still being intruded after the brecciation occurred.

The dominant structure in the area is the Big Creek Fault, which strikes northwest and dips approximately 70° toward the southwest. This fault crosses the southwestern corner of the property and a major splay approximately parallels the northern boundary. The direction and magnitude of offsets on these faults are not known but the area between them appears to be a down-dropped block in a graben. Joints within all rock types are usually aligned subparallel to the Big Creek Fault or approximately parallel to the east trending breccia unit. Although some of the mineralized zones are associated with these sets of structures, many are developed along a third set of north striking, extensional features. On the Revenue block the third strongest joint set strikes approximately 019° and dips steeply west (Figure 5). Orientations measured in trenches on the Nucleus claims indicate this set strikes about 176° and dips steeply to the west (Figure 6); however, diamond drill results suggest moderate to steep easterly dips. Foliation developed in metamorphic rocks generally strikes east to southeast and dips shallowly to the north or southwest (Figure 7).



Equal Area - Lower Hemisphere Contour Plot

SCHMIDT POLE
CONCENTRATIONS

Minimum Contour = 1.0%
Contour Interval = 1.0%
Max. Concentration = 5.7%

□ Pole to joint
175 poles plotted

ATAC RESOURCES LTD.

FIGURE 5

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

JOINT STERIONET

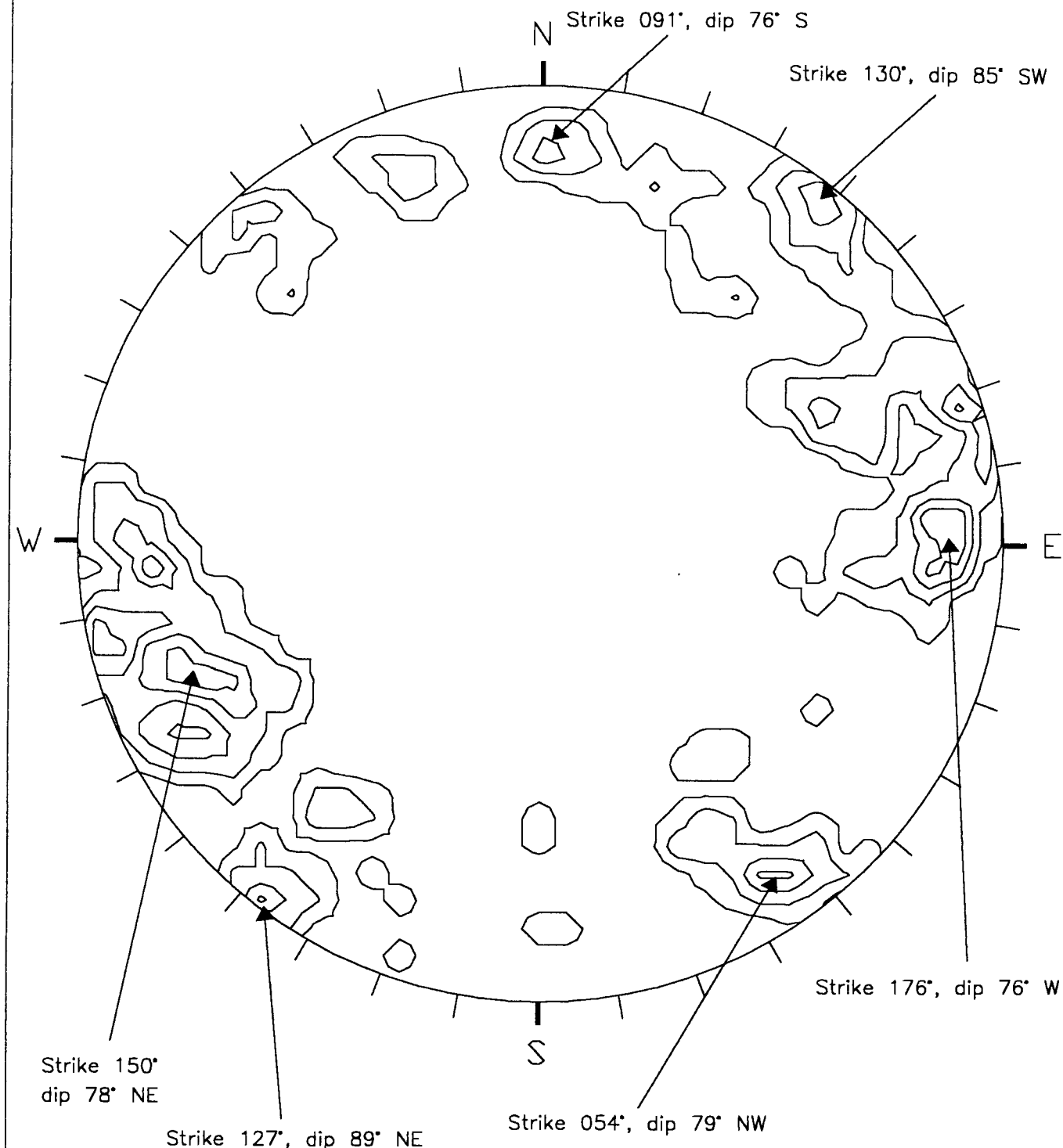
REVENUE BLOCK

DRAWN/REVISED BY: TCB

PROJECT:

FILE: ATAC\REVENUE\ACAD01\REV-SN-J.DWG

DATE: DECEMBER, 2001



Equal Area - Lower Hemisphere Contour Plot

SCHMIDT POLE
CONCENTRATIONS

Minimum Contour = 1.0%
Contour Interval = 1.0%
Max. Concentration = 5.0%

■ Pole to joint
141 poles plotted

ATAC RESOURCES LTD.

FIGURE 6

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

JOINT STERIONET

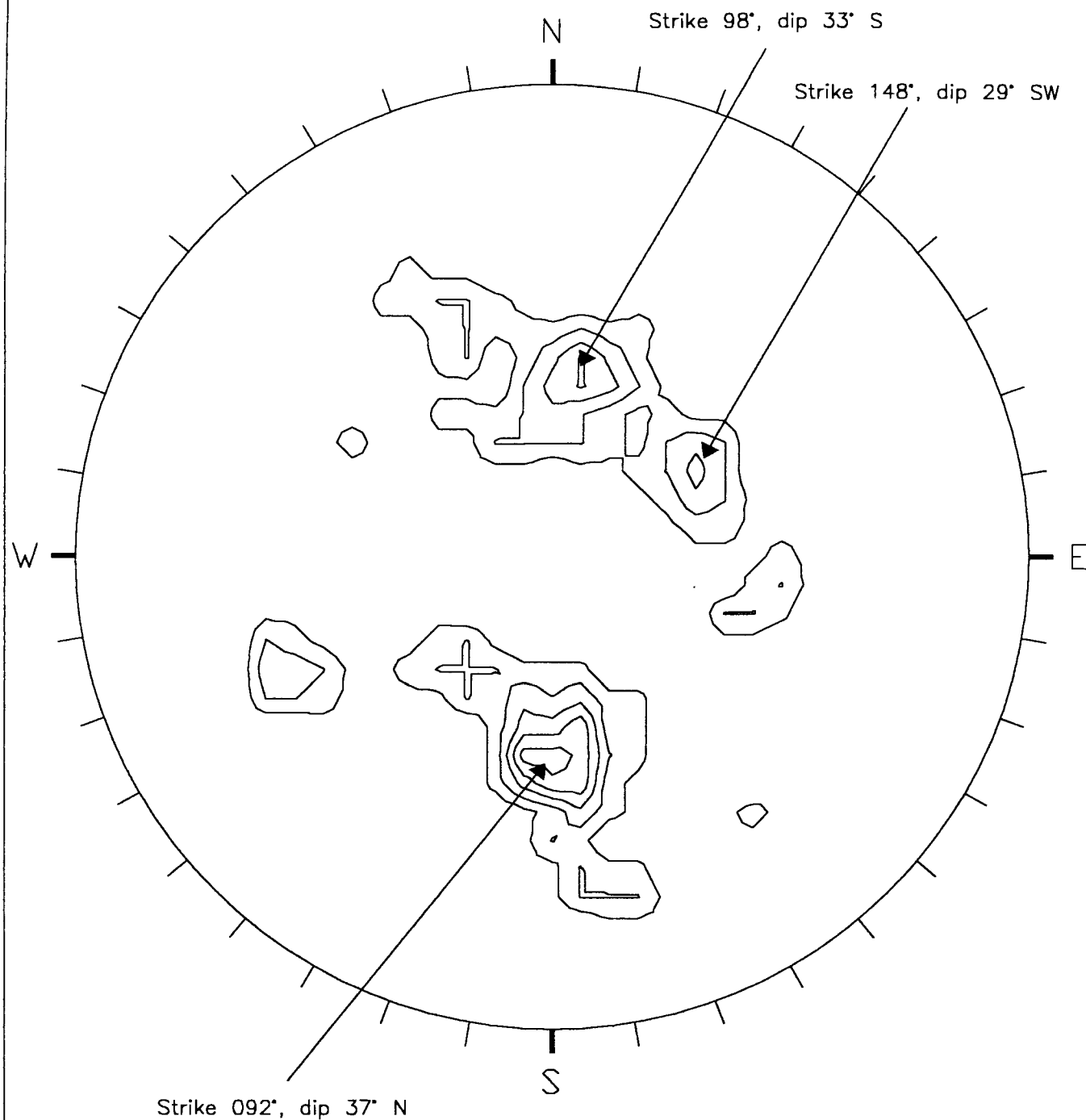
NUCLEUS BLOCK

DRAWN/REVISED BY: TCB

PROJECT:

FILE: ATAC\REVENUE\ACAD01\NUC-SN-J.DWG

DATE: DECEMBER, 2001



Equal Area - Lower Hemisphere Contour Plot

SCHMIDT POLE
CONCENTRATIONS

Minimum Contour = 1.5%
Contour Interval = 1.5%
Max. Concentration = 10.3%

- Pole to foliation
- 73 poles plotted

ATAC RESOURCES LTD.

FIGURE 7

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

FOLIATION STEREO NET

GOLDEN REVENUE PROPERTY

DRAWN/REVISED BY: TCB

PROJECT:

FILE: ATAC\REVENUE\ACAD01\NUC-SN-F.DWG

DATE: DECEMBER, 2001

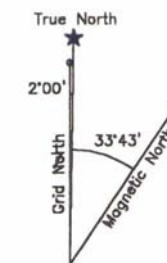
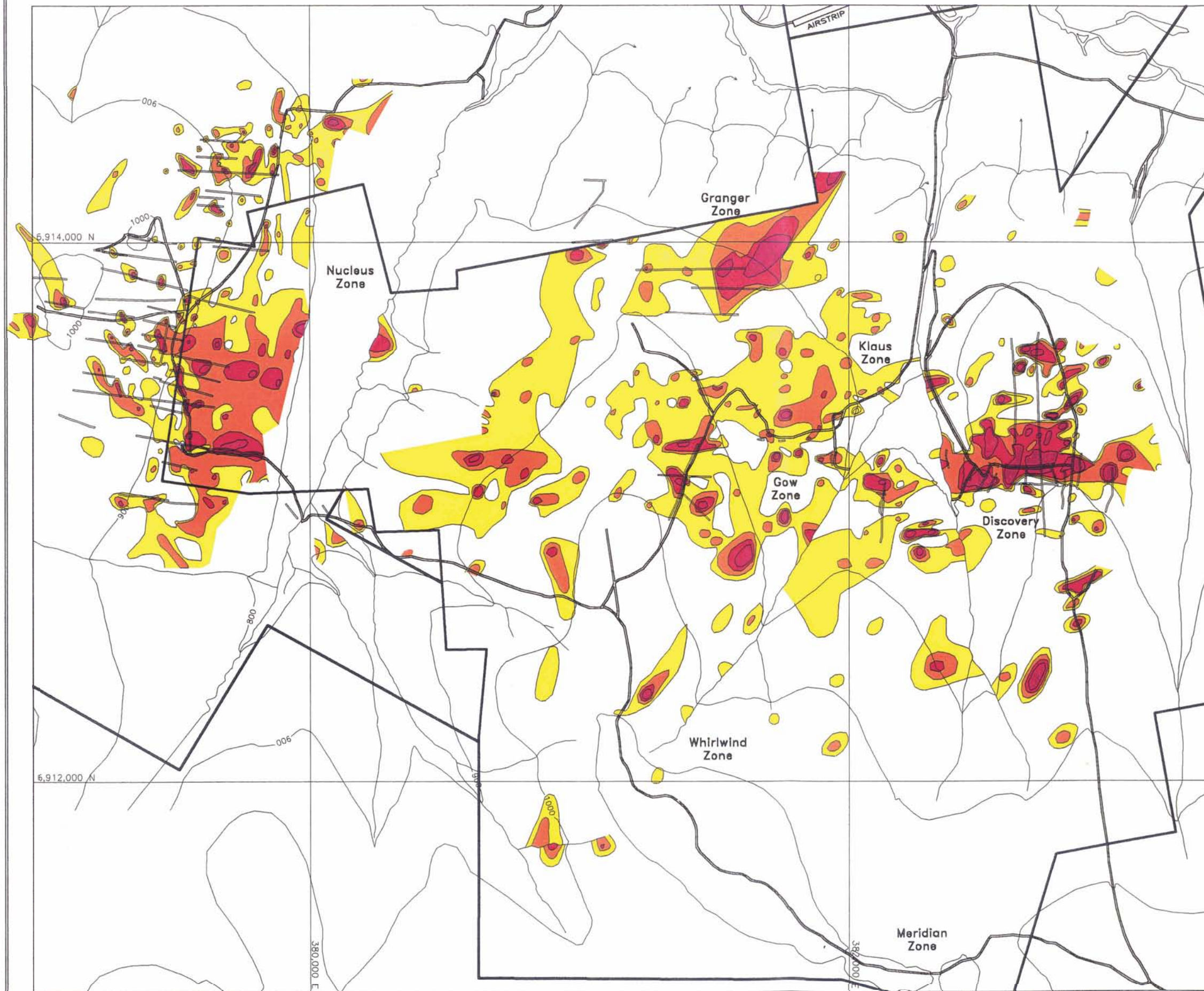
PROPERTY MINERALIZATION AND GEOCHEMISTRY

Eleven zones of mineralization have been discovered on the Golden Revenue property. Most were found by investigating gold soil geochemical anomalies, many of which have only been partially tested (see Figure 8). All showings except the Meridian Zone (a galena-sphalerite vein) are of primary interest for gold. Most are epigenetic and show evidence of open space filling. Although some zones contain copper, their dominant characteristics are more typical of intrusive-related gold mineralization than porphyry copper-gold deposits. Figure 4 illustrates the location of the various zones in relation to claim boundaries and geology.

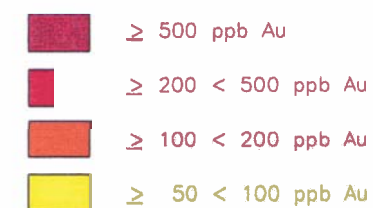
All showings are strongly oxidized at surface. Some pre-2001 drill results suggested that gold values in oxidized rocks could average about 10 to 25% higher than those in underlying unoxidized material, possibly reflecting density differences or supergene enrichment. However, the deeper drilling done in 2001 appears to indicate that the grade variation is due to primary distribution rather than weathering processes. Only the Discovery Zone contains significant copper at surface where it usually occurs as malachite and azurite. Elsewhere, if copper was present, it has been almost completely leached from the upper part of the oxide zone. The intensity of copper leaching gradually decreases with depth and drilling has shown that a discontinuous blanket of supergene copper mineralization is developed at the base of the oxide cap in parts of the Nucleus and Discovery Zones. This supergene blanket ranges from 0 to 50 m thick and consists of chalcocite with minor covellite, azurite and malachite coating and, in some instances, completely replacing hypogene sulphide minerals.

Mineralization at the Golden Revenue property falls into two main categories, stockwork or breccia zones that have large tonnage potential but moderate to low grades (typically in the range of 0.3 to 2.0 g/t gold with trace to 0.3% copper) and higher grade veins which are erratically mineralized but often return 4 to 7 g/t gold over 1 to 6 m widths with some intervals grading up to 65 g/t. Copper contents in the veins are usually low.

Stockwork or breccia mineralization occurs in the Nucleus, Discovery, and Granger Zones. The host rocks usually exhibit strong argillic alteration near surface and are cut by porphyry dyke swarms and associated faults. The best mineralization is normally found along the faults and within or immediately adjacent to the dykes. Drilling has shown that most of the argillic alteration is related to surface weathering. Hypogene alteration is relatively weak and is usually restricted to wallrocks alongside the dykes and faults. Unoxidized, stockwork or breccia mineralization typically consists of pyrite with minor chalcopyrite and/or arsenopyrite occurring on hairline fractures, as disseminations and in narrow quartz veinlets. The wallrocks at the Nucleus and Granger Zones are predominantly schist and gneiss while those at the Discovery Zone are comprised of the breccia unit and monzonite. Copper bearing carbonate minerals, carbonate gangue and scheelite are all abundant in the Discovery Zone but rare in the other zones. Sulphide content in unoxidized rocks is generally low but pods and lenses of nearly massive chalcopyrite and pyrite do occur in the Discovery Zone. Silver values from stockwork and breccia mineralization are highest in the Discovery Zone. Elsewhere they are often less than the analytical detection limit, thus average silver to gold ratios cannot be reliably calculated.



Approx. Mean Declination 1969
Annual Change Decreasing 3.8"
North American Datum 1927
UTM Zone 8
Contour Interval 100 m
NTS 115 1/6



ATAC RESOURCES LTD.

FIGURE 8

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

GOLD GEOCHEMISTRY

GOLDEN REVENUE PROPERTY

SCALE 1:15000

0 150 300 450 600 750 m

DRAFTED/REVISED BY: TCB

PROJECT:

FILE: ... \ACAD01 \GOLD-REV-GEOCHEM-AU.DWG

DATE: DECEMBER, 2001

Higher grade gold veins are present in the Nucleus, Discovery, Klaus, Gow, Vest Pocket and Whirlwind Zones. Although most veins strike north or northeast, a few trend easterly. All appear to dip steeply. Sulphide abundance in the veins differs greatly, ranging from nearly massive lenses of chalcopyrite and pyrite to structures containing only minor amounts of sulphide minerals. Similarly, gangue minerals range from quartz to quartz-carbonate to clay gouge. Scheelite and molybdenite are common accessory minerals in the Discovery Zone but are rare elsewhere. Arsenopyrite is found in several of the veins, and is sometimes accompanied by stibnite. Although elevated bismuth values are common, no bismuth bearing minerals have been identified in bedrock. Silver to gold ratios average about 5 to 1.

Earlier summary reports for the property have included general descriptions of individual zones and, where appropriate, have provided details concerning specific exploration activities and results obtained from them. The remainder of this report will focus on the Nucleus Zone exclusively. The reader should reference the earlier reports for additional data on the other zones.

PRE-2001 RESULTS – NUCLEUS ZONE

The Nucleus Zone was previously divided into two separate zones (Nucleus #1 and #2), but work done in 2001 suggests that the mineralization is all part of a single system associated with a large porphyry dyke swarm. The zone was first identified by stream sediment sampling and later outlined by grid soil geochemistry. The area of anomalous gold response is bounded on the north and east by glaciofluvial outwash and lacustrine sediments deposited in the valleys of Big and Mechanic Creeks, respectively, to the south by the Big Creek Fault and to the west by the limit of the porphyry dyke swarm. In total, the anomalies cover an area approximately 1800 by 500 m, which is elongated along its northerly axis parallel to the trend of the dykes. Although the elevated gold-in-soil values are often accompanied by moderately to strongly anomalous arsenic, bismuth, antimony and copper results, there is not a high degree of direct correlation with any of these metals.

Prior to 2001 the only geophysical work that had been done on the Nucleus Zone was a fluxgate magnetometer survey in 1981, an EM-16 survey in 1984 and a detailed proton magnetometer survey in 1999. The first survey showed relatively low magnetic contrast, with the highest readings along the southern edge of the zone, while the second failed to detect any electromagnetic conductors. The 1999 work better defined the magnetic anomalies and indicated that they are localized in the vicinity of a narrow, amphibolite bearing schist horizon. Although cobbles of massive magnetite discovered in soil downhill from the amphibolite unit returned high gold values (up to 4.71 g/t), chip samples from the unit itself yielded low values.

Gold mineralization has been exposed in a series of bulldozer and excavator trenches over a strike length of about 1200 m and is still open in both directions. Most of the trenches were cut in frozen ground and those that reached solid bedrock required more than one exploration season to complete. As a result some highly prospective targets have never been tested and most trenches cross only the best situated part of the dyke swarm. Bedrock in the area is deeply weathered, highly fractured and often strongly soliflucted; thus, geological data is somewhat unreliable in all but the deepest trenches. Material derived from rock types that resist weathering often migrates downhill over more recessive units. This transported material is difficult to recognize and can easily be mismapped as bedrock when it is frozen. Soil and bedrock creep

typically extend 3 m or more below surface and, therefore, some structural measurements are suspect. Most of the zone is on a gentle east facing hillside; therefore, some units show unrealistic thicknesses and mapped contacts are often shifted toward the east. Geological contacts and faults in the area generally strike northerly, parallel to the hillside, so that structural measurements on rotated bedrock usually retain the correct northerly strike but can exhibit a wide variety of inaccurate dips. The unreliability of some trench data has severely complicated geological interpretation and has resulted in a number of pre-2001 holes being drilled in what is now believed to be the wrong direction (easterly, subparallel to the dip of the porphyry dykes).

Four drill programs were completed in the Nucleus Zone prior to 2001. A total of 49 holes have been drilled, including 14 diamond drill holes (1646 m) and 35 reverse circulation, percussion holes (1283 m). Most of the work targeted potentially heap leachable gold mineralization in the oxide cap portion of the zone and only a few holes penetrated the underlying unoxidized rocks. The relative lack of information on unoxidized material led to a number of misconceptions including: the belief that gold may have been concentrated in the oxidized zone by supergene processes, the characterization of mineralized rocks as being dominantly clay altered and the classification of the mineralization as a porphyry copper-gold deposit. The results from the earlier drilling were reevaluated in light of data obtained from the 2001 program and a number of the holes were spot checked or relogged. Mineralized intervals were also recalculated to conform to minimum thickness and grade cut-off parameters used to calculate the intervals in the 2001 holes. Documentation of the reevaluation and recalculation work appears in the 2001 Work Program section of this report under the heading of Drill Results.

2001 WORK PROGRAM – NUCLEUS ZONE

GENERAL

The 2001 exploration work was conducted from a camp located on placer tailings at the mouth of Revenue Creek under terms set out in mining land use permit LQ00011. The camp consisted of a kitchen trailer and a combined bunkhouse/shower trailer, rented from the drill contractor, plus five to seven tents and an outhouse. Wash water was pumped from Revenue Creek but, due to high levels of suspended sediment, most drinking water was brought in from Whitehorse on weekly supply trips. Diesel for various equipment was stored in a bermed 10,000 litre tank located adjacent to the camp. Electricity for the camp was obtained from a diesel generator. Electric pumps and tidy tanks were used to transfer and transport fuel from the storage tank to equipment. At the end of the program all camp gear, supplies and equipment, except the two trailers, the generator, an excavator, a few core boxes and two pallets of drill mud which are all owned by the drill contractor, were removed from the property and returned to Whitehorse.

Diamond drilling, road construction and excavator trenching were contracted to E. Caron Diamond Drilling Ltd. of Whitehorse. The drilling was done with a hydraulically modified, Valdor drill using HQ equipment. Drill moves and access road construction were performed with a Caterpillar D7E bulldozer operated by the drill foreman. Excavator trenching and reclamation were conducted with a Hitachi UH09 excavator.

All drill core was transported from the drill sites to a central location where recovery was measured, geological and geotechnical logging were performed and splitting was done. Appendix II contains the Geological and Geotechnical Logs. The entire length of each hole was

split with one-half bagged and sent for analysis and the other half returned to the core box. A detailed record has been kept of all individuals involved in the drilling, logging, splitting and transportation of the core. The core boxes are stored on the property. They have been stacked on pallets and bound together with metal strapping to discourage vandalism.

Excavator trenches were cut and immediately mapped. Chip or channel samples were collected and then the trenches were backfilled so that as much organic material as possible ended up on top of the reconstructed soil profile. Further reclamation was done by a two person crew that felled leaning trees and collected deadfall from other areas, then transported this material to the trench sites where it was carefully spread across the disturbed soil to minimize potential erosion. All of the 2001 and some of the earlier trenches were reclaimed.

Drill core and trench samples were shipped to the ALS Chemex Laboratory in North Vancouver, B.C., where they were dried and fine crushed to better than 70% -2 mm before a 250 g split was taken and pulverized to better than 85% passing 75 micron. A 50 g portion of the pulverized material was analyzed for gold by fire assay together with atomic absorption (method code Au-AA26). The pulverized material was also analyzed for 34 other elements, including copper, silver, arsenic, bismuth and antimony, using an aqua regia digestion followed by induced coupled plasma with atomic emission spectroscopy (method code ME-ICP 41). No check assaying was done. Appendix III contains Synoptic Logs with assays while Appendix IV is a copy of the Certificates of Analysis.

The IP and HLEM surveys were conducted by Aurora Geosciences Ltd. from its Whitehorse office under the direct supervision of professional geophysicist Mike Power. Appendix V is a field report prepared by Mr. Power, which lists personnel who conducted the surveys, describes equipment and procedures used and summarizes results obtained (including maps and sections).

Figure 9 is a plan view map illustrating the location of the 2001 drill holes and trenches relative to the earlier workings. Figure 10 is a compilation map showing the general location of holes and trenches together with key geological features and data from the IP survey. Figures 11 to 13 are cross sections through the zone illustrating drill results plus geological interpretation.

GEOLOGY

The porphyry dyke swarm associated with the Nucleus Zone lies about 1 km west of the Revenue Stock. It consists of at least fifteen, en echelon dykes that have intruded a complex assemblage featuring a variety of metamorphic rocks and earlier intrusions of the Cretaceous suite. The swarm covers an area approximately 1400 m long and up to 500 m wide. Individual dykes range from about 0.5 to 20 m in width.

The most common metamorphic rocks are quartz-feldspar-biotite gneiss and chlorite schist. Detailed measurements of foliation and fracture orientations in the metamorphic rocks have identified five, fault-bounded structural domains within the Nucleus Zone (Figure 14). Each domain exhibits relatively homogeneous internal structure that is notably different from those in adjacent domains. The structural disruption appears to have predated the intrusive events, and some of the faults separating the domains may have been important channels for mineralizing fluids.



	Moderate chargeability		2001 diamond drill hole
	Weak chargeability		Diamond drill hole
	Quartz-feldspar porphyry		Reverse circulation percussion drill hole
	Microgranite		Excavator trench
	Granodiorite		
	Metamorphic rocks		
	Mineralized band		

ATAC RESOURCES LTD.

FIGURE 10
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
COMPILATION
NUCLEUS ZONE

SCALE 1:10,000
0 100 200 300 400 500 m

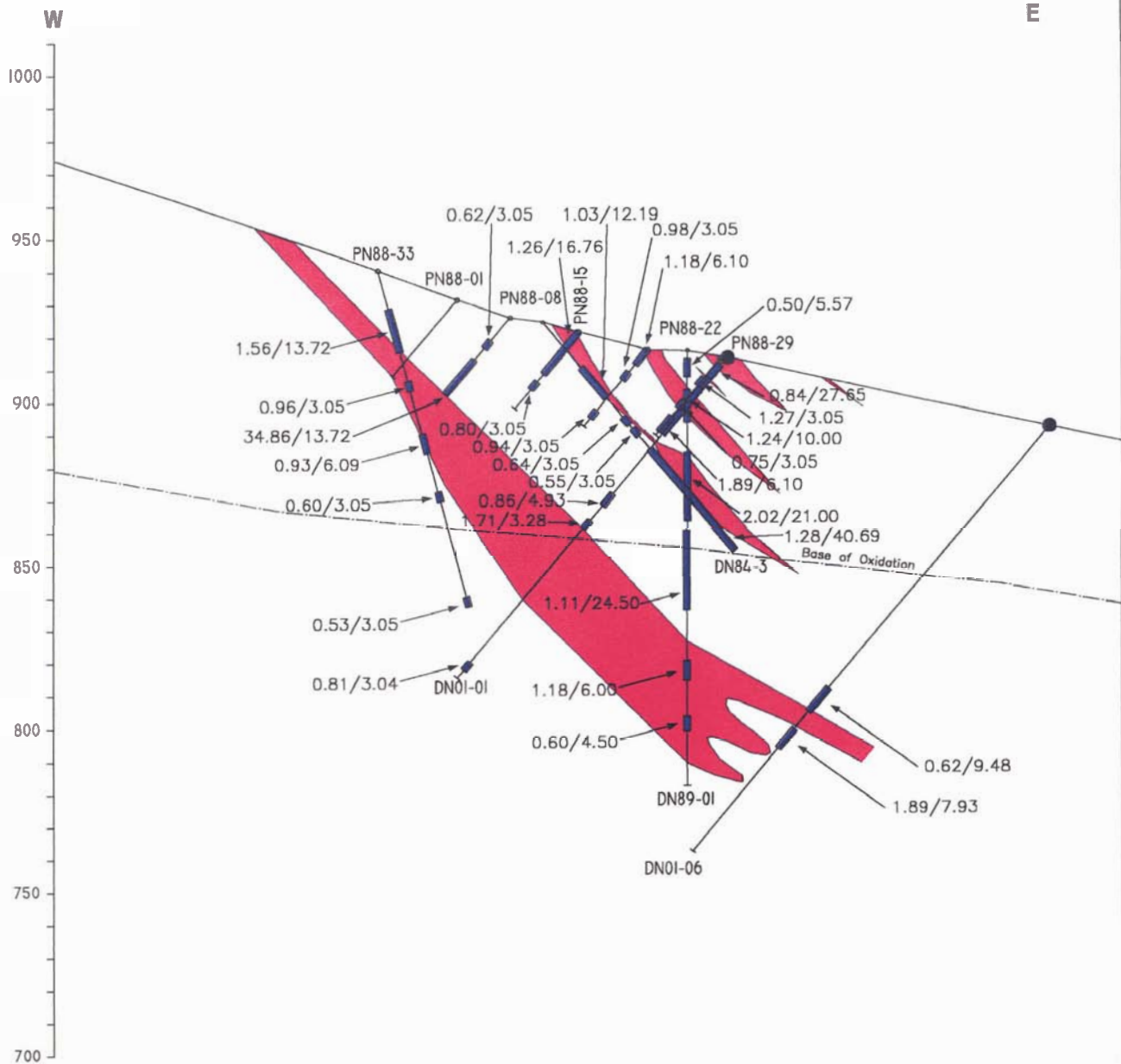
DRAWN/REVISED BY: TCB

PROJECT:

FILE: ATAC/ACAD01/NUC-GEOP-2.DWG

DATE: DECEMBER, 2001

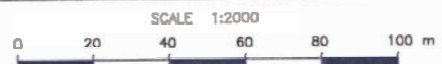
Section Facing North



- 2001 diamond drill hole
- Diamond drill hole
- Reverse circulation percussion drill hole
- Drill hole with significant interval, gold (g/t)/interval (m)
- Quartz-feldspar porphyry

ATAC RESOURCES LTD.

FIGURE 11
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
SECTION 6,913,650 N
NUCLEUS ZONE



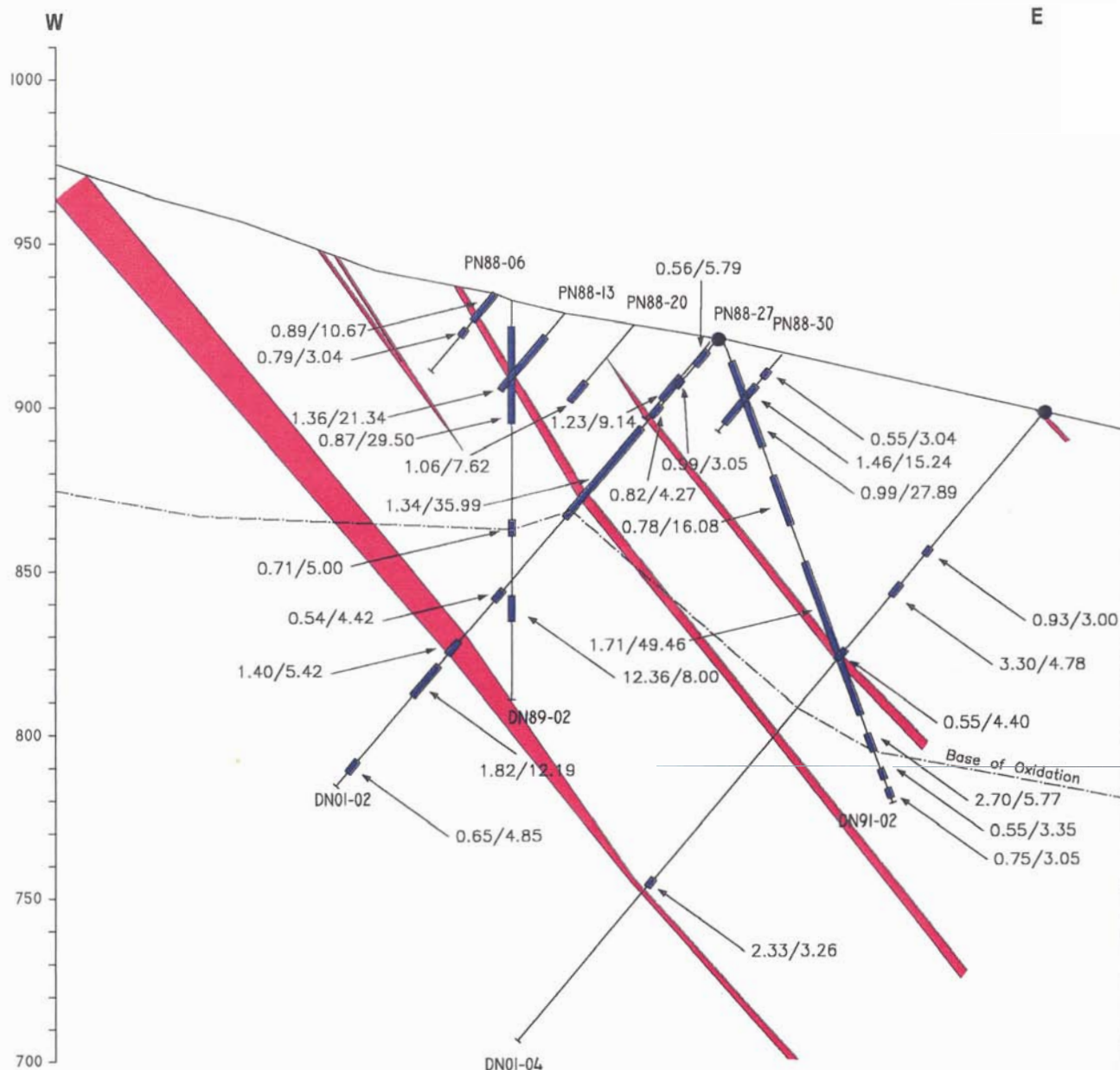
DRAWN/REVISED BY: TCB

PROJECT:

FILE: ATAC/ACAD01/N6913650G.DWG

DATE: December, 2001

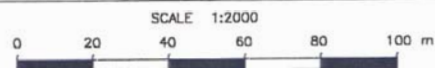
Section Facing North



- 2001 diamond drill hole
- Diamond drill hole
- Reverse circulation percussion drill hole
- Drill hole with significant interval, gold (g/t)/interval (m)
- Quartz-feldspar porphyry

ATAC RESOURCES LTD.

FIGURE 12
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
SECTION 6,913,750 N
NUCLEUS ZONE



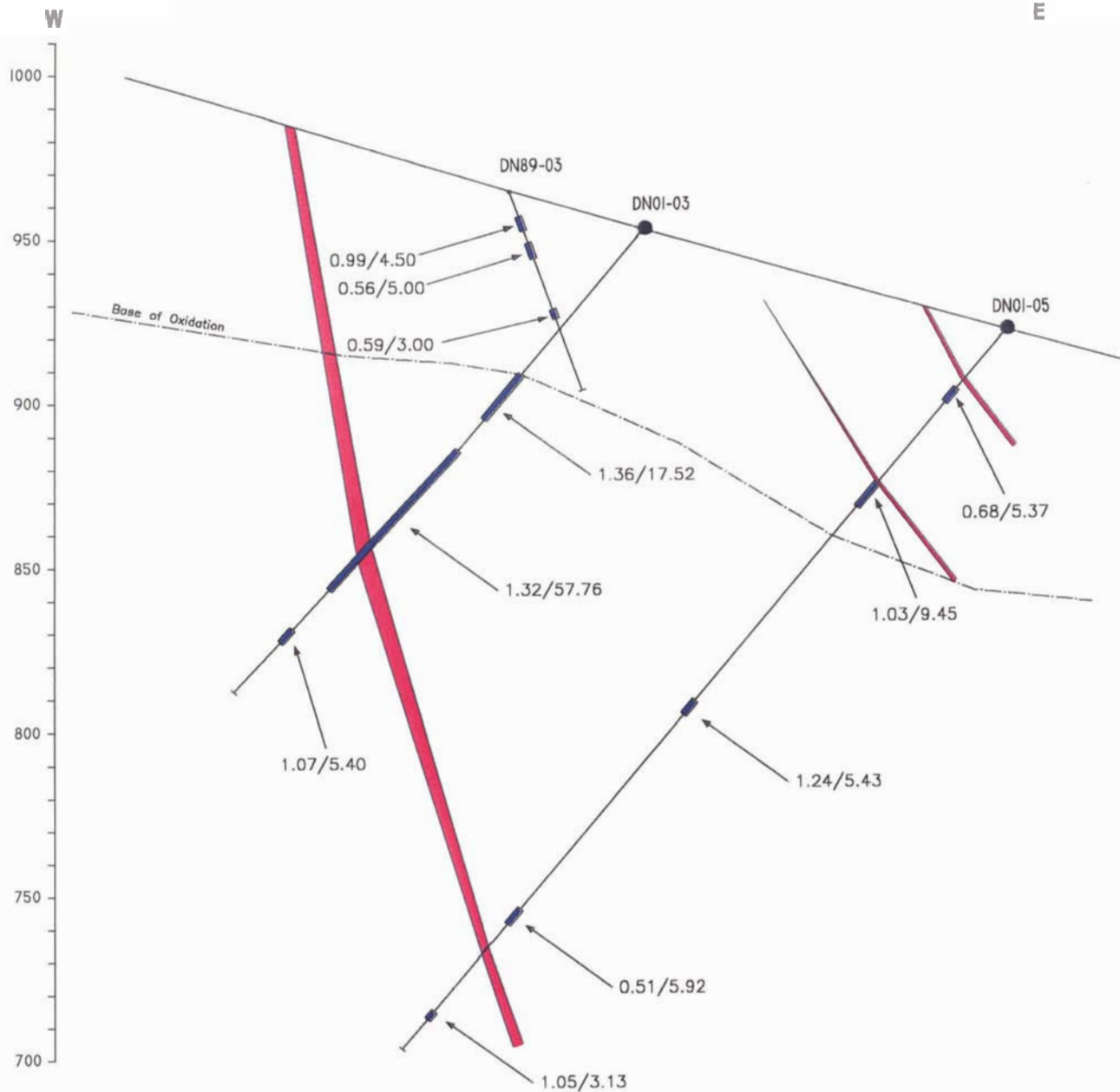
DRAWN/REVISED BY: TCB

PROJECT:

FILE: ATAC/ACAD01/N6913750G.DWG

DATE: December, 2001

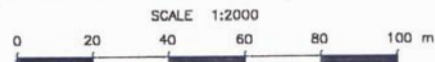
Section Facing North



- 2001 diamond drill hole
- Diamond drill hole
- Reverse circulation percussion drill hole
- Drill hole with significant interval, gold (g/t)/interval (m)
- Quartz-feldspar porphyry

ATAC RESOURCES LTD.

FIGURE 13
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED
SECTION 6,913,860 N
NUCLEUS ZONE



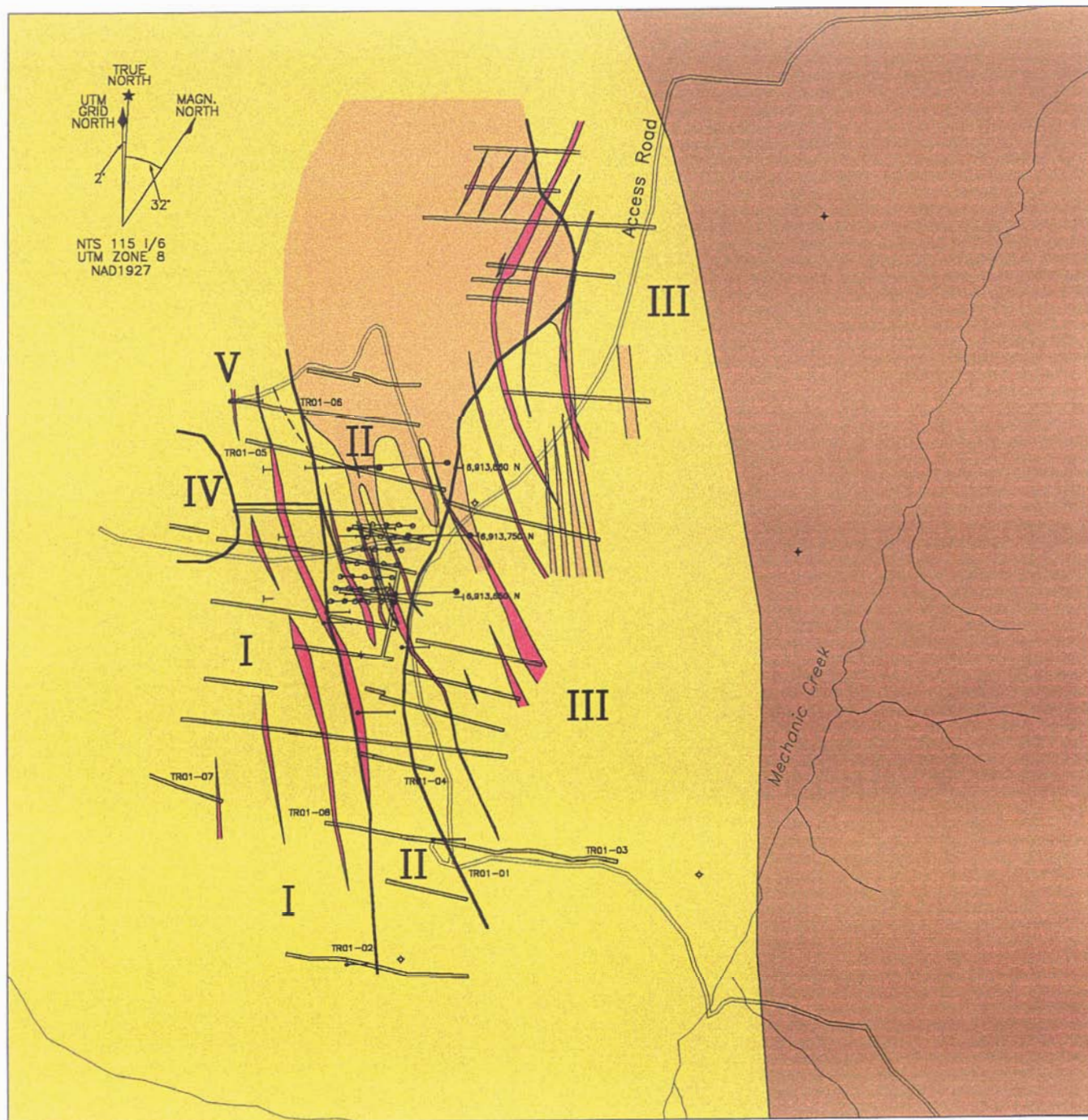
DRAWN/REVISED BY: TCB

PROJECT:

FILE: ATAC/ACAD01/N6913860G.DWG

DATE: December, 2001

TRUE
NORTH
UTM
GRID
NORTH
MAGN.
NORTH
2°
32°
NTS 115 1/6
UTM ZONE 8
NAD1927



- Quartz-feldspar porphyry
- Microgranite
- Granodiorite
- Metamorphic rocks
- 2001 Diamond drill hole
- Diamond drill hole
- Reverse circulation percussion drill hole
- Excavator trench

ATAC RESOURCES LTD.

FIGURE 14

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

DOMAIN BOUNDARIES

NUCLEUS ZONE

SCALE 1:10,000

0 100 200 300 400 500 m

DRAWN/REVISED BY: TCB

PROJECT:

FILE: ATAC/ACAD01/NUC-DOMAIN.DWG

DATE: DECEMBER, 2001

The oldest intrusive unit in the zone consists of granodiorite that is mineralogically and texturally similar to nearby rocks in the Revenue Stock. The granodiorite forms a series of dykes that become progressively narrower and less abundant as the distance from the stock increases. These dykes are cut by granophyric microgranite bodies centred on a prominent knoll in the northwestern part of the zone. The main microgranite body has only been partially outlined by trenching. Although it is plug-like in plan view, resistivity data from the IP survey suggest it may be a shallow, laccolithic dome. On its southerly flank the main body grades into a number of narrow dykes. The porphyry is the youngest intrusive unit and its dykes cut the granodiorite and the microgranite.

Based on trench and drill data, the granodiorite, microgranite and porphyry dyke sets are all interpreted to strike northerly and dip moderately to the east (average $170^{\circ}/55^{\circ}\text{E}$). However, this interpretation is still tentative because the dykes are lensy, often pinching out over relatively short distances. The porphyry dykes are particularly problematic because they sometimes grade into breccias consisting of angular porphyry, microgranite, schist and gneiss fragments in a sugary aplitic matrix. Intense, late stage quartz flooding locally accompanies the brecciation and this is thought to be transitional into more distal quartz veins. The porphyry dykes, breccias and veins were likely emplaced along a series of pre-existing or coeval faults that reactivated at various times. The reliability of the geological model is compromised by the limited number of datum points on each section and by the considerable distance between some trench exposures and drill intersections.

Most of the mineralization in the Nucleus Zone occurs in a stockwork of hairline to 1 cm thick, sulphide or quartz-sulphide veinlets. The stockwork is best developed immediately adjacent to the porphyry dykes, in the breccias along trend from them and sometimes within the dykes themselves. The orientation and relative abundance of the veinlets is highly variable. Cleavage and fracture orientation in the metamorphic country rocks are the major controls on orientation while abundance is largely related to proximity to the porphyry dykes coupled with the competence and chemical reactivity of the wallrocks. In general, the brittle units host more and wider veinlets while altered mafic rich units usually contain more sulphides than felsic ones. The various intrusive units show little alteration aside from patchy sulphidization of mafics, but the metamorphic rocks often exhibit pervasive hydrothermal alteration for about 10 m around the porphyry dykes. The most common alteration in quartz-feldspar-biotite gneiss has black biotite going to bronzy brown biotite plus pyrite, and in chlorite schist has chlorite and feldspar going to swelling clay. The main sulphide minerals in the stockwork veinlets, in descending order of abundance, are pyrite, chalcopyrite and arsenopyrite with rare galena, sphalerite and magnetite.

Higher grade quartz veins are found in a few parts of the zone, mostly within faults that are updip or along strike from breccias and dykes associated with stockwork mineralization. These veins strike northerly and dip moderately to steeply to the east. Although most veins consist of quartz with varying amounts of disseminated or banded sulphides, some contain brecciated quartz and wallrock fragments cemented by sulphides and/or later quartz. Veins that do not contain sulphide bands are sometimes difficult to distinguish from other rock types. Of particular note are a number of leucocratic, sugary to microcrystalline, unfoliated quartz rich rocks that have variously been described as veins, quartzites and aphanitic dykes. While these rocks often look promising, they usually contain little or no gold.

Wallrocks adjacent to the higher grade veins exhibit little or no apparent hydrothermal alteration at depth, but near surface they are often intensely clay altered. Mineralization is usually confined to veins themselves. Pyrite and arsenopyrite are the most abundant sulphide minerals in the majority of the veins, but some at higher elevations in the northwestern part of the zone are stibnite rich while others at lower elevations to the southeast contain chalcopyrite and molybdenite. The mineralogical variability is not well documented because of the intense surface weathering and lack of drilling away from the core of the zone, but it could indicate temperature related, metal zonation. The best gold values in the veins appear to occur with the pyrite-arsenopyrite assemblage at about the same elevation as the best stockwork mineralization.

The gradational relationship between the porphyry dykes, breccias and veins suggests that they are all part of a single mineralizing system with the stockwork mineralization found near the dykes and breccias in the core of the system and the higher grade veins on the periphery. Although a number of metals are found in various concentrations in different parts of the system, the only metal that shows a consistent direct correlation with gold is bismuth. Unfortunately no bismuth minerals or native gold have been identified in the zone and visual grade estimates based on alteration, fracture density, total sulphide abundance and/or sulphide assemblage are notoriously unreliable.

DRILL RESULTS

All six of the 2001 holes were drilled in a 200 by 200 m area in the core of the Nucleus Zone. Every hole produced two or more intervals that met or exceeded the minimum grade and width criteria. Previous reports used different criteria to calculate significant intervals. In order to better compare results and facilitate correlations between holes, significant intervals were recalculated for all holes using a minimum cut-off grade of 0.5 g/t gold and a minimum thickness of 3 m for significant intervals or waste blocks. When calculating the weighted average grades, uncut gold values were used. Results from the 2001 program are relatively homogeneous to a maximum of 5.7 g/t, but those from some of the earlier programs included a few assays that exceeded 20 g/t. Table I on the following pages lists all significant intervals obtained from diamond drilling and reverse circulation, percussion drilling in the Nucleus Zones.

The 2001 drilling confirmed that the oxide cap is 30 to 100 m thick, averaging about 60 m. Typical gold values within the oxide cap range from 0.3 to 2.0 g/t. Most holes contain one or more significant intervals. The best drill intersection of oxide material from any of the holes was 1.71 g/t gold over 49.46 m from Hole DN91-2 while the best result in oxidized core from a 2001 hole was 1.34 g/t over 35.99 m in hole DN01-02. Copper values in the oxide cap generally increase with depth. Samples from trenches and the top of drill holes average about 150 ppm copper compared to approximately 500 ppm from drill core sampled near the base of the oxide cap.

All of the diamond drill holes that penetrated beneath the oxide cap in the core of the zone yielded at least one significant interval of supergene and/or hypogene gold-copper mineralization. The best gold interval was from 2001 hole DN01-03, which averaged 1.32 g/t gold and 0.07% copper over 57.76 m. This was one of three significant intervals in that hole. If the minimum grade criteria were not applied these intervals would coalesce into a single 109.57 m interval grading 1.04 g/t gold and 0.05% copper. The best copper interval came from hole DN89-1 and averaged 0.65 g/t gold and 0.42% copper over 62 m.

Table 1
Significant Intervals - Diamond Drilling and Reverse Circulation Percussion Drilling - Nucleus Zone

Drill Hole	From (m)	To (m)	Interval (m)	Sample No	Gold (g/t)	Copper (ppm)
DN84-01	4.57	6.10	1.52	N 31152	0.97	88
	6.10	7.62	1.52	N 31153	0.05	110
			3.05		0.51	99
DN84-01	15.70	17.68	1.98	N 31159	0.18	147
	17.68	19.81	2.13	N 31160	0.83	378
			4.11		0.52	267
DN84-01	25.60	27.43	1.83	N 31164	0.59	132
	27.43	28.96	1.52	N 31165	0.69	502
			3.35		0.64	300
DN84-01	46.18	47.40	1.22	N 31176	1.23	488
	47.40	48.77	1.37	N 31177	1.68	770
			2.59		1.47	637
DN84-01	52.12	54.56	2.44	N 31180	0.52	250
	54.56	57.00	2.44	N 31181	0.50	340
			4.88		0.51	295
DN84-01	79.25	80.77	1.52	N 31194	1.04	2430
	80.77	82.30	1.52	N 31195	0.23	4700
	82.30	83.82	1.52	N 31196	0.61	3150
			4.57		0.63	3427
DN84-02	7.32	8.84	1.52	N 31199	0.41	58
	8.84	10.36	1.52	N 31200	0.63	80
			3.04		0.52	69
DN84-02	23.47	24.99	1.52	N 31208	2.32	50
	24.99	26.52	1.53	N 31209	0.36	27
	26.52	28.04	1.52	N 31210	0.71	48
	28.04	29.57	1.53	N 31211	0.68	42
	29.57	31.09	1.52	N 31212	7.33	240
	31.09	32.61	1.52	N 31213	1.55	94
	32.61	33.83	1.22	N 31214	0.40	52
	33.83	35.36	1.53	N 31215	1.09	58
	35.36	37.34	1.98	N 31216	0.18	38
	37.34	38.25	0.91	N 31217	1.48	1250
	38.25	39.93	1.68	N 31218	0.49	310
	39.93	41.45	1.52	N 31219	0.24	33
	41.45	43.28	1.83	N 31220	2.74	58
	43.28	45.26	1.98	N 31221	2.02	148
	45.26	46.63	1.37	N 31222	2.08	1630
			23.16		1.58	230
DN84-02	29.57	31.09	1.52	N 31212	7.33	240
	31.09	32.61	1.52	N 31213	1.55	94
	32.61	33.83	1.22	N 31214	0.40	52
	33.83	35.36	1.53	N 31215	1.09	58
DN84-02			5.79		2.70	
	41.45	43.28	1.83	N 31220	2.74	114
	43.28	45.26	1.98	N 31221	2.02	58
	45.26	46.63	1.37	N 31222	2.08	148
DN84-02			5.18		2.29	508
	56.39	58.52	2.13	31228	3.82	220
	58.52	60.96	2.44	31229	1.31	240
DN84-02			4.57		2.48	231
	73.15	74.68	1.53	31238	1.00	114
	74.68	76.20	1.52	31239	1.48	45
	76.20	78.43	2.23	31240	0.33	59
	78.43	79.55	1.12	31241	1.02	217
	79.55	81.08	1.53	31242	0.76	419
	81.08	82.60	1.52	31243	2.02	336
DN84-02			9.45		1.05	187
	70.10	71.63	1.53	31236	0.98	86
	71.63	73.15	1.52	31237	0.65	40
	73.15	74.68	1.53	31238	1.00	114
	74.68	76.20	1.52	31239	1.48	45
DN84-02	76.20	78.43	2.23	31240	0.33	59

Drill Hole	From (m)	To (m)	Interval (m)	Sample No	Gold (g/t)	Copper (ppm)
	78.43	79.55	1.12	31241	1.02	217
	79.55	81.08	1.53	31242	0.76	419
	81.08	82.60	1.52	31243	2.02	336
			12.50		0.99	157
DN84-02	90.22	91.74	1.52	31249	4.89	540
	91.74	93.27	1.53	31250	0.47	290
	93.27	94.79	1.52	31251	1.52	377
	94.79	96.32	1.53	31252	0.87	400
	96.32	97.84	1.52	3690	0.08	290
	97.84	99.36	1.52	3691	0.80	960
	99.36	100.89	1.53	3692	3.04	336
	100.89	102.41	1.52	3693	0.91	520
	102.41	104.39	1.98	3694	0.28	720
	104.39	105.92	1.53	3695	1.02	360
	105.92	107.90	1.98	3696	1.49	166
	107.90	109.42	1.52	3697	0.52	122
	109.42	110.95	1.53	3698	0.28	67
	110.95	112.47	1.52	3699	0.58	53
	112.47	114.00	1.53	3700	2.30	110
	114.00	115.98	1.98	31501	0.69	600
	115.98	117.50	1.52	31502	2.42	650
	117.50	119.18	1.68	31503	1.16	1300
			28.96		1.27	444
DN84-02	90.22	91.74	1.52	31249	4.89	540
	91.74	93.27	1.53	31250	0.47	290
	93.27	94.79	1.52	31251	1.52	377
			4.57		2.29	402
DN84-03	21.34	22.86	1.52	31482	1.00	272
	22.86	24.38	1.52	31483	1.48	211
	24.38	25.91	1.53	31484	0.33	134
	25.91	27.43	1.52	31485	1.02	230
	27.43	28.96	1.53	31486	0.76	180
	28.96	30.48	1.52	31487	2.02	170
			9.14		1.10	199
DN84-03	18.29	19.81	1.52	31380	0.98	188
	19.81	21.34	1.53	31481	0.65	200
	21.34	22.86	1.52	31482	1.00	272
	22.86	24.38	1.52	31483	1.48	211
	24.38	25.91	1.53	31484	0.33	134
	25.91	27.43	1.52	31485	1.02	230
	27.43	28.96	1.53	31486	0.76	180
	28.96	30.48	1.52	31487	2.02	170
			12.19		1.03	198
DN84-03	38.10	39.62	1.52	31493	0.44	400
	39.62	41.15	1.53	31494	0.83	495
			3.05		0.64	448
DN84-03	42.67	43.89	1.22	31496	0.17	550
	43.89	45.72	1.83	31497	0.80	136
			3.05		0.55	302
DN84-03	50.75	52.27	1.52	31364	3.4	455
	52.27	53.80	1.53	31365	0.47	710
	53.80	55.78	1.98	31366	2.95	470
	55.78	57.09	1.31	31367	0.04	60
	57.09	58.61	1.52	31368	0.08	52
	58.61	60.14	1.53	31369	0.8	160
	60.14	61.87	1.73	31370	3.04	327
	61.87	63.40	1.53	31371	0.91	423
	63.40	64.92	1.52	31372	0.28	412
	64.92	66.45	1.53	31373	1.02	440
	66.45	67.97	1.52	31374	1.49	1750
	67.97	69.49	1.52	31375	0.51	980
	69.49	71.02	1.53	31376	0.68	750
	71.02	72.85	1.83	31377	1.69	295
	72.85	74.68	1.83	31378	2.72	160
	74.68	76.20	1.52	31379	3.82	170
	76.20	77.72	1.52	31380	1.31	188
	77.72	79.25	1.53	3681	1.49	146

Drill Hole	From (m)	To (m)	Interval (m)	Sample No	Gold (g/t)	Copper (ppm)
	79.25	80.92	1.67	3682	1.54	820
	80.92	82.60	1.68	3683	0.08	113
	82.60	84.12	1.52	3684	0.24	94
	84.12	85.65	1.53	3685	0.36	81
	85.65	86.87	1.22	3686	0.51	194
	86.87	88.39	1.52	3687	1.16	286
	88.39	89.92	1.53	3688	0.33	850
	89.92	91.44	1.52	3689	0.95	312
			40.69		1.28	413
DN84-03	50.75	52.27	1.52	31364	3.4	455
	52.27	53.80	1.53	31365	0.47	710
	53.80	55.78	1.98	31366	2.95	470
			5.03		2.33	538
DN84-03	71.02	72.85	1.83	31377	1.69	295
	72.85	74.68	1.83	31378	2.72	160
	74.68	76.20	1.52	31379	3.82	170
	76.20	77.72	1.52	31380	1.31	188
	77.72	79.25	1.53	3681	1.49	146
	79.25	80.92	1.67	3682	1.54	820
			9.90		2.09	300
DN89-01	2.43	4.00	1.57	T28001	0.53	332
	4.00	6.00	2.00	T28002	0.39	110
	6.00	8.00	2.00	T28003	0.60	204
			5.57		0.50	206
DN89-01	12.00	14.00	2.00	T28006	0.77	430
	14.00	16.00	2.00	T28007	0.34	542
	16.00	18.00	2.00	T28008	2.00	477
	18.00	20.00	2.00	T28009	1.02	408
	20.00	22.00	2.00	T28010	2.05	342
			10.00		1.24	440
DN89-01	31.00	33.00	2.00	T28015	0.66	378
	33.00	35.00	2.00	T28016	1.14	199
	35.00	37.00	2.00	T28017	1.51	166
	37.00	39.00	2.00	T28018	0.85	177
	39.00	41.00	2.00	T28019	2.39	187
	41.00	43.00	2.00	T28020	3.41	164
	43.00	45.00	2.00	T28021	1.76	230
	45.00	47.00	2.00	T28022	3.95	765
	47.00	49.00	2.00	T28023	3.41	787
	49.00	52.00	3.00	T28024	1.40	535
			21.00		2.02	367
DN89-01	55.00	58.00	3.00	T28026	0.68	60
	58.00	60.00	2.00	T28027	0.47	1155
	60.00	62.50	2.50	T28028	1.66	4080
	62.50	64.50	2.00	T28029	2.00	5420
	64.50	66.50	2.00	T28030	2.96	7880
	66.50	68.50	2.00	T28031	1.64	6190
	68.50	70.50	2.00	T28032	0.41	2220
	70.50	72.50	2.00	T28033	0.68	5160
	72.50	75.00	2.50	T28034	0.55	5020
	75.00	77.50	2.50	T28035	0.37	6770
	77.50	79.50	2.00	T28036	1.22	6520
			24.50		1.11	4447
DN89-01	60.00	62.50	2.50	T28028	1.66	4080
	62.50	64.50	2.00	T28029	2.00	5420
	64.50	66.50	2.00	T28030	2.96	7880
	66.50	68.50	2.00	T28031	1.64	6190
			8.50		2.04	5786
DN89-01	95.00	98.00	3.00	T28043	1.76	6190
	98.00	101.00	3.00	T28044	0.60	3360
			6.00		1.18	4775
DN89-01	112.00	114.00	2.00	T28049	0.46	2290
	114.00	116.50	2.50	T28050	0.71	1405
			4.50		0.60	1798

Drill Hole	From (m)	To (m)	Interval (m)	Sample No	Gold (g/t)	Copper (ppm)
DN89-02	8.00	10.50	2.50	T 28059	1.75	140
	10.50	12.50	2.00	T 28060	0.33	141
	12.50	14.50	2.00	T 28061	1.05	92
	14.50	17.00	2.50	T 28062	0.16	53
	17.00	20.00	3.00	T 28063	0.82	247
	20.00	23.00	3.00	T 28064	0.86	645
	23.00	26.00	3.00	T 28065	1.09	321
	26.00	28.50	2.50	T 28066	0.35	181
	28.50	31.50	3.00	T 28067	1.41	956
	31.50	34.50	3.00	T 28068	0.78	1380
	34.50	37.50	3.00	T 28069	0.81	805
			29.50		0.87	490
DN89-02	67.00	70.00	3.00	T 28081	0.05	50
	70.00	72.00	2.00	T 28082	1.71	70
			5.00		0.71	58
DN89-02	90.00	93.00	3.00	T 28089	0.90	32
	93.00	95.50	2.50	28090	1.99	36
	95.50	98.00	2.50	28091	36.48	39
			8.00		12.36	35
DN89-03	8.00	10.00	2.00	28255	1.56	61
	10.00	12.50	2.50	28256	0.53	30
			4.50		0.99	44
DN89-03	16.50	19.00	2.50	28259	0.43	99
	19.00	21.50	2.50	28260	0.68	28
			5.00		0.56	64
DN89-03	38.00	41.00	3.00	28268	0.59	26
DN89-04	22.50	24.50	2.00	T28287	0.79	1130
	24.50	26.00	1.50	T28288	0.30	900
			3.50		0.58	1031
DN89-04	47.00	49.00	2.00	T28299	2.02	413
	49.00	51.00	2.00	T28300	2.35	334
	51.00	53.00	2.00	T28401	0.05	228
	53.00	55.00	2.00	T28402	1.73	232
	55.00	57.00	2.00	28403	2.50	1205
			10.00		1.73	482
DN89-04	64.00	65.50	1.50	28407	0.30	154
	65.50	68.00	2.50	28408	2.14	126
			4.00		1.45	137
DN89-04	92.00	93.50	1.50	28418	1.40	4910
	93.50	96.50	3.00	28419	0.32	1575
	96.50	98.50	2.00	28420	0.74	339
	98.50	100.50	2.00	28421	0.44	526
	100.50	102.50	2.00	28422	0.17	1980
	102.50	104.50	2.00	28423	0.90	1670
			12.50		0.60	1690
DN89-04	114.50	117.00	2.50	28429	0.50	3800
	117.00	118.50	1.50	28430	0.59	2140
			4.00		0.53	3178
DN91-01	31.09	34.13	3.04	T19232	0.62	300
DN91-01	40.23	43.28	3.05	T19235	0.51	700
DN91-01	46.85	49.36	2.51	T19237	0.58	400
	49.36	52.43	3.07	T19238	1.13	300
			5.58		0.88	345
DN91-01	58.48	61.57	3.09	T19241	0.79	400
	61.57	64.58	3.01	T19242	0.86	500
			6.10		0.82	449

Drill Hole	From (m)	To (m)	Interval (m)	Sample No	Gold (g/t)	Copper (ppm)
DN91-02	7.47	11.13	3.66	T19265	1.99	400
	11.13	14.70	3.57	T19266	0.27	400
	14.70	17.53	2.83	T19267	2.26	300
	17.53	20.12	2.59	T19268	0.99	300
	20.12	23.16	3.04	T19269	1.06	500
	23.16	26.21	3.05	T19270	0.21	400
	26.21	29.04	2.83	T19271	0.17	300
	29.04	32.31	3.27	T19272	0.62	300
	32.31	35.36	3.05	T19273	1.30	300
			27.89		0.99	359
DN91-02	7.47	11.13	3.66	T19265	1.99	400
	11.13	14.70	3.57	T19266	0.27	400
	14.70	17.53	2.83	T19267	2.26	300
			10.06		1.46	372
DN91-02	44.61	48.82	4.21	T19277	0.86	300
	48.82	52.88	4.06	T19278	1.03	200
	52.88	55.73	2.85	T19279	0.48	100
	55.73	58.52	2.79	T19280	0.65	200
	58.52	60.69	2.17	T19281	0.72	200
			16.08		0.78	208
DN91-02	76.39	79.86	3.47	T19287	1.95	300
	79.86	82.91	3.05	T19288	1.37	600
	82.91	85.65	2.74	T19289	1.30	200
			9.26		1.57	369
DN91-02	89.82	92.05	2.23	T19292	8.90	600
	92.05	95.10	3.05	T19293	1.03	400
			5.28		4.35	484
DN91-02	107.29	110.76	3.47	T19298	3.19	300
	110.76	113.39	2.63	T19299	2.47	300
	113.39	116.43	3.04	T19300	0.79	700
	116.43	119.48	3.05	T19301	1.61	400
			12.19		2.04	425
DN91-02	73.07	76.39	3.32	T19286	0.99	100
	76.39	79.86	3.47	T19287	1.95	300
	79.86	82.91	3.05	T19288	1.37	600
	82.91	85.65	2.74	T19289	1.30	200
	85.65	87.09	1.44	T19290	0.07	100
	87.09	89.82	2.73	T19291	0.03	100
	89.82	92.05	2.23	T19292	8.90	600
	92.05	95.10	3.05	T19293	1.03	400
	95.10	98.15	3.05	T19294	0.27	600
	98.15	101.19	3.04	T19295	3.72	300
	101.19	104.24	3.05	T19296	0.55	500
	104.24	107.29	3.05	T19297	0.72	700
	107.29	110.76	3.47	T19298	3.19	300
	110.76	113.39	2.63	T19299	2.47	300
	113.39	116.43	3.04	T19300	0.79	700
	116.43	119.48	3.05	T19301	1.61	400
	119.48	122.53	3.05	T19302	0.89	200
			49.46		1.71	382
DN91-02	128.63	131.67	3.04	T19305	0.82	2500
	131.67	134.40	2.73	T19306	4.80	1700
			5.77		2.70	2121
DN91-02	140.21	143.56	3.35	T19309	0.55	700
DN91-02	146.61	149.66	3.05	T19311	0.75	2300
DN91-03	17.07	20.12	3.05	T19317	0.51	300
DN91-03	26.92	29.87	2.95	T19320	3.63	100
	29.87	32.90	3.03	T19321	0.03	100
			5.98		1.81	100

Drill Hole	From (m)	To (m)	Interval (m)	Sample No	Gold (g/t)	Copper (ppm)
DN91-03	47.86	50.90	3.04	T19327	0.62	200
	50.90	53.95	3.05	T19328	1.13	300
	53.95	57.00	3.05	T19329	0.51	900
			9.14		0.75	467
DN91-03	69.19	73.25	4.06	T19334	0.62	1100
DN91-03	82.88	85.93	3.05	T19338	0.50	1500
	85.93	88.97	3.04	T19339	0.69	700
	88.97	91.00	2.03	T19340	0.99	1900
	91.00	94.04	3.04	T19341	0.86	1700
			11.16		0.74	1409
DN91-03	103.33	106.36	3.03	T19345	0.58	1500
DN91-03	116.13	119.18	3.05	T19349	1.54	700
DN91-04	6.40	9.75	3.35	T19658	0.65	200
DN91-04	13.41	16.43	3.02	T19660	1.47	200
	16.43	19.96	3.53	T19661	0.69	300
			6.55		1.05	254
DN91-04	26.52	29.57	3.05	T19664	1.54	1200
	29.57	32.61	3.04	T19665	1.23	1200
			6.09		1.39	1200
DN91-04	80.77	84.43	3.66	T19681	0.86	1300
DN91-04	87.48	90.53	3.05	T19683	1.03	1000
	90.53	93.57	3.04	T19684	0.65	700
	93.57	96.50	2.93	T19685	0.51	300
	96.50	99.67	3.17	T19686	0.93	800
			12.19		0.78	705
DN91-05	58.52	61.57	3.05	T19371	0.51	200
	61.57	64.62	3.05	T19372	1.37	400
			6.10		0.94	300
DN91-05	95.10	98.15	3.05	T19383	0.72	100
DN91-05	111.03	114.91	3.88	T 19388	0.65	400
DN91-05	149.50	152.55	3.05	T 19400	1.10	1100
DN01-01	3.05	4.57	1.52	M452251	0.78	100
	4.57	8.35	3.78	M452252	0.33	85
	8.35	9.14	0.79	M452253	1.89	178
	9.14	12.29	3.15	M452254	2.82	177
	12.29	15.44	3.15	M452255	0.57	136
	15.44	18.54	3.10	M452256	0.33	67
	18.54	21.64	3.10	M452257	0.51	80
	21.64	22.80	1.16	M452258	1.74	383
	22.80	26.24	3.44	M452259	0.51	195
	26.24	29.68	3.44	M452260	0.48	272
	29.68	30.70	1.02	M452261	0.69	342
			27.65		0.84	161
DN01-01	8.35	9.14	0.79	M452253	1.89	178
	9.14	12.29	3.15	M452254	2.82	177
			3.94		2.63	177
DN01-01	54.20	56.08	1.88	M452273	0.51	832
	56.08	59.13	3.05	M452274	1.08	1355
			4.93		0.86	1156

Drill Hole	From (m)	To (m)	Interval (m)	Sample No	Gold (g/t)	Copper (ppm)
DN01-01	65.00	65.75	0.75	M452277	4.86	413
	65.75	68.28	2.53	M452278	0.78	1840
			3.28		1.71	1514
DN01-01	121.62	124.66	3.04	M452301	0.81	333
DN01-02	4.88	7.47	2.59	M452303	0.51	300
	7.47	10.67	3.20	M452304	0.6	342
			5.79		0.56	323
DN01-02	16.46	19.51	3.05	M452307	0.99	376
DN01-02	26.80	28.96	2.16	M452311	0.33	371
	28.96	31.07	2.11	M452312	1.32	339
			4.27		0.82	355
DN01-02	35.66	38.71	3.05	M452316	1.2	491
	38.71	41.42	2.71	M452317	0.75	2920
	41.42	42.30	0.88	M452318	3.42	798
	42.30	44.25	1.95	M452319	1.35	1110
	44.25	46.20	1.95	M452320	1.38	1755
	46.20	48.31	2.11	M452321	1.02	297
	48.31	50.91	2.60	M452322	0.78	188
	50.91	53.51	2.60	M452323	0.36	135
	53.51	56.06	2.55	M452324	0.99	88
	56.06	58.61	2.55	M452325	0.69	117
	58.61	61.35	2.74	M452326	1.56	740
	61.35	64.42	3.07	M452327	2.49	1160
	64.42	66.56	2.14	M452328	0.39	293
	66.56	68.70	2.14	M452329	4.2	486
	68.70	71.65	2.95	M452330	1.02	203
			35.99		1.34	710
DN01-02	100.28	102.00	1.72	M452342	0.27	241
	102.00	104.70	2.70	M452343	0.72	205
			4.42		0.54	219
DN01-02	120.91	123.62	2.71	M452350	2.34	2290
	123.62	126.33	2.71	M452351	0.45	471
			5.42		1.40	1381
DN01-02	130.76	133.81	3.05	M452355	5.7	208
	133.81	136.85	3.04	M452356	0.51	169
	136.85	139.90	3.05	M452357	0.33	144
	139.90	142.95	3.05	M452358	0.72	427
			12.19		1.82	237
DN01-02	168.60	171.14	2.54	M452373	0.72	313
	171.14	173.45	2.31	M452374	0.57	129
			4.85		0.65	225
DN01-03	58.38	59.30	0.92	M452402	1.47	550
	59.30	61.57	2.27	M452403	0.96	174
	61.57	63.70	2.13	M452404	0.36	36
	63.70	66.75	3.05	M452405	3.48	148
	66.75	69.80	3.05	M452406	1.14	385
	69.80	72.85	3.05	M452407	1.02	275
	72.85	75.90	3.05	M452408	0.78	181
			17.52		1.36	228
DN01-03	63.70	66.75	3.05	M452405	3.48	148
	66.75	69.80	3.05	M452406	1.14	385
	69.80	72.85	3.05	M452407	1.02	275
			9.15		1.88	269
DN01-03	88.09	90.98	2.89	M452413	0.93	1730
	90.98	92.05	1.07	M452414	0.36	380
	92.05	94.49	2.44	M452415	1.05	221
	94.49	96.93	2.44	M452416	0.6	72
	96.93	98.43	1.50	M452417	0.36	359
	98.43	100.28	1.85	M452418	0.21	455
	100.28	103.33	3.05	M452419	0.69	1265

Drill Hole	From (m)	To (m)	Interval (m)	Sample No	Gold (g/t)	Copper (ppm)
	103.33	106.37	3.04	M452420	3.06	1120
	106.37	109.42	3.05	M452421	0.36	216
	109.42	112.47	3.05	M452422	0.81	380
	112.47	115.20	2.73	M452423	3.42	1890
	115.20	117.30	2.10	M452424	1.2	658
	117.30	119.40	2.10	M452425	0.27	324
	119.40	121.50	2.10	M452426	0.42	535
	121.50	124.25	2.75	M452427	1.2	229
	124.25	127.00	2.75	M452428	1.11	599
	127.00	129.00	2.00	M452429	1.2	596
	129.00	131.20	2.20	M452430	3.21	1020
	131.20	133.30	2.10	M452431	1.2	1420
	133.30	136.45	3.15	M452432	3.87	990
	136.45	138.09	1.64	M452433	2.61	1435
	138.09	140.25	2.16	M452434	0.27	95
	140.25	142.95	2.70	M452435	0.87	576
	142.95	145.85	2.90	M452436	0.81	489
			57.76		1.32	732
DN01-03	121.50	124.25	2.75	M452427	1.2	229
	124.25	127.00	2.75	M452428	1.11	599
	127.00	129.00	2.00	M452429	1.2	596
	129.00	131.20	2.20	M452430	3.21	1020
	131.20	133.30	2.10	M452431	1.2	1420
	133.30	136.45	3.15	M452432	3.87	990
	136.45	138.09	1.64	M452433	2.61	1435
			16.59		2.10	854
DN01-03	162.55	164.11	1.56	M452443	0.72	779
	164.11	166.03	1.92	M452444	1.5	480
	166.03	167.95	1.92	M452445	0.93	557
			5.40		1.07	594
DN01-04	54.01	57.01	3.00	452476	0.93	385
DN01-04	68.07	70.00	1.93	452481	0.69	746
	70.00	72.85	2.85	452482	5.07	1105
			4.78		3.30	960
DN01-04	94.20	96.20	2.00	452491	0.42	1305
	96.20	98.60	2.40	452492	0.66	435
			4.40		0.55	830
DN01-04	185.26	186.65	1.39	452579	2.52	1560
	186.65	188.52	1.87	452580	2.19	496
			3.26		2.33	950
DN01-05	24.20	27.13	2.93	P389639	1.17	72
	27.13	29.57	2.44	P389640	0.09	245
			5.37		0.68	151
DN01-05	61.57	63.91	2.34	P389953	0.63	897
	63.91	66.25	2.34	P389954	2.31	1580
	66.25	68.88	2.63	P389955	0.54	252
	68.88	71.02	2.14	P389956	0.66	95
			9.45		1.03	705
DN01-05	147.70	150.75	3.05	P389988	0.9	324
	150.75	153.13	2.38	P389989	1.68	569
			5.43		1.24	431
DN01-05	230.25	233.21	2.96	P390023	0.15	225
	233.21	236.17	2.96	P390024	0.87	105
			5.92		0.51	165
DN01-05	270.77	271.97	1.20	P390039	2.55	887
	271.97	273.90	1.93	P390040	0.12	246
			3.13		1.05	492
DN01-06	104.50	107.55	3.05	P390081	0.48	434
	107.55	109.80	2.25	P390082	1.02	1310
	109.80	111.89	2.09	P390083	0.51	1705
	111.89	113.98	2.09	P390084	0.51	1900

Drill Hole	From (m)	To (m)	Interval (m)	Sample No	Gold (g/t)	Copper (ppm)
			9.48		0.62	1245
DN01-06	120.55	123.75	3.20	P390088	3.75	822
	123.75	126.25	2.50	P390089	0.75	832
	126.25	128.48	2.23	P390090	0.51	2530
			7.93		1.89	1305
PN88-02	21.34	22.86	1.52	88-2 70-75	1.03	
	22.86	24.38	1.52	88-2 75-80	0.24	
	24.38	25.91	1.53	88-2 80-85	0.58	
			4.57		0.62	
PN88-03	3.05	4.57	1.52	88-3 10-15	0.58	
	4.57	6.10	1.53	88-3 15-20	0.41	
	6.10	7.62	1.52	88-3 20-25	0.62	
			4.57		0.54	
PN88-03	10.67	12.19	1.52	88-3 35-40	8.81	
	12.19	13.72	1.53	88-3 40-45	4.25	
	13.72	15.24	1.52	88-3 45-50	1.71	
			4.57		4.92	
PN88-06	0.00	3.05	3.05	88-6 0-10	0.62	
	3.05	4.57	1.52	88-6 10-15	0.82	
	4.57	6.10	1.53	88-6 15-20	0.89	
	6.10	7.62	1.52	88-6 20-25	1.44	
	7.62	9.14	1.52	88-6 25-30	1.03	
	9.14	10.67	1.53	88-6 30-35	0.82	
			10.67		0.89	
PN88-06	13.72	15.24	1.52	88-6 45-50	0.24	
	15.24	16.76	1.52	88-6 50-55	1.34	
			3.04		0.79	
PN88-07	6.10	7.62	1.52	88-7 20-25	0.55	
	7.62	9.14	1.52	88-7 25-30	0.48	
	9.14	10.67	1.53	88-7 30-35	0.89	
	10.67	12.19	1.52	88-7 35-40	0.65	
	12.19	13.72	1.53	88-7 40-45	1.17	
	13.72	15.24	1.52	88-7 45-50	0.38	
	15.24	16.76	1.52	88-7 50-55	0.45	
	16.76	18.29	1.53	88-7 55-60	0.96	
	18.29	19.81	1.52	88-7 60-65	0.48	
	19.81	21.34	1.53	88-7 65-70	1.27	
	21.34	22.86	1.52	88-7 70-75	0.79	
	22.86	24.38	1.52	88-7 75-80	0.31	
	24.38	25.91	1.53	88-7 80-85	3.67	
	25.91	27.43	1.52	88-7 85-90	0.86	
	27.43	28.96	1.53	88-7 90-95	1.20	
	28.96	30.48	1.52	88-7 95-100	0.75	
			24.38		0.93	
PN88-07	19.81	21.34	1.53	88-7 65-70	1.27	
	21.34	22.86	1.52	88-7 70-75	0.79	
	22.86	24.38	1.52	88-7 75-80	0.31	
	24.38	25.91	1.53	88-7 80-85	3.67	
	25.91	27.43	1.52	88-7 85-90	0.86	
	27.43	28.96	1.53	88-7 90-95	1.20	
			9.15		1.35	
PN88-08	9.14	10.67	1.53	88-8 30-35	0.72	
	10.67	12.19	1.52	88-8 35-40	0.51	
			3.05		0.62	
PN88-08	16.76	18.29	1.53	88-8 55-60	29.07	
	18.29	19.81	1.52	88-8 60-65	59.49	
	19.81	21.34	1.53	88-8 65-70	95.52	
	21.34	22.86	1.52	88-8 70-75	43.95	
	22.86	24.38	1.52	88-8 75-80	29.14	
	24.38	25.91	1.53	88-8 80-85	23.49	
	25.91	27.43	1.52	88-8 85-90	18.14	
	27.43	28.96	1.53	88-8 90-95	8.81	
	28.96	30.48	1.52	88-8 95-100	6.10	
			13.72		34.86	

Drill Hole	From (m)	To (m)	Interval (m)	Sample No	Gold (g/t)	Copper (ppm)
PN88-09	0.00	3.05	3.05	88-9 0-10	1.06	
	3.05	4.57	1.52	88-9 10-15	0.51	
	4.57	6.10	1.52	88-9 15-20	0.65	
			6.10		0.82	
PN88-09	7.62	9.14	1.52	88-9 25-30	0.45	
	9.14	10.67	1.53	88-9 30-35	0.72	
			3.05		0.59	
PN88-10	4.57	6.10	1.53	88-10 15-20	0.82	
	6.10	7.62	1.52	88-10 20-25	0.45	
			3.05		0.64	
PN88-10	13.72	15.24	1.52	88-10 45-50	0.69	
	15.24	16.76	1.52	88-10 50-55	0.51	
			3.04		0.60	
PN88-10	27.43	28.96	1.53	88-10 90-95	0.82	
	28.96	30.48	1.52	88-10 95-10	0.41	
			3.05		0.62	
PN88-11	0.00	3.05	3.05	88-11 0-10	0.89	
	3.05	4.57	1.52	88-11 10-15	0.34	
			4.57		0.71	
PN88-11	9.14	10.67	1.53	88-11 30-35	0.72	
	10.67	12.19	1.52	88-11 35-40	2.19	
	12.19	13.72	1.53	88-11 40-45	1.03	
	13.72	15.24	1.52	88-11 45-50	0.58	
	15.24	16.76	1.52	88-11 50-55	0.41	
	16.76	18.29	1.53	88-11 55-60	0.69	
			9.15		0.94	
PN88-11	24.38	25.91	1.53	88-11 80-85	0.72	
	25.91	27.43	1.52	88-11 85-90	0.24	
	27.43	28.96	1.52	88-11 90-95	2.74	
			4.58		1.23	
PN88-12	0.00	3.05	3.05	88-12 0-10	0.86	
	3.05	4.57	1.52	88-12 10-15	0.27	
	4.57	6.10	1.53	88-12 15-20	0.51	
			6.10		0.63	
PN88-12	9.14	10.67	1.53	88-12 30-35	0.69	
	10.67	12.19	1.52	88-12 35-40	0.58	
	12.19	13.73	1.54	88-12 40-45	1.10	
	13.73	15.24	1.51	88-12 45-50	0.21	
	15.24	16.76	1.52	88-12 50-55	1.44	
	16.76	18.29	1.53	88-12 55-60	1.20	
	18.29	19.81	1.52	88-12 60-65	0.82	
	19.81	21.34	1.53	88-12 65-70	1.27	
	21.34	22.86	1.52	88-12 70-75	1.47	
	22.86	24.38	1.52	88-12 75-80	0.65	
	24.38	25.91	1.53	88-12 80-85	0.93	
			16.77		0.94	
PN88-12	15.24	16.76	1.52	88-12 50-55	1.44	
	16.76	18.29	1.53	88-12 55-60	1.20	
	18.29	19.81	1.52	88-12 60-65	0.82	
	19.81	21.34	1.53	88-12 65-70	1.27	
	21.34	22.86	1.52	88-12 70-75	1.47	
			7.62		1.24	
PN88-12	27.43	28.96	1.53	88-12 90-95	0.65	
	28.96	30.48	1.52	88-12 95-10	0.51	
			3.05		0.58	
PN88-13	9.14	10.67	1.53	88-13 30-35	0.62	
	10.67	12.19	1.52	88-13 35-40	0.51	
	12.19	13.72	1.53	88-13 40-45	1.17	
	13.72	15.24	1.52	88-13 45-50	0.48	
	15.24	16.76	1.52	88-13 50-55	1.68	
	16.76	18.29	1.53	88-13 55-60	1.44	

Drill Hole	From (m)	To (m)	Interval (m)	Sample No	Gold (g/t)	Copper (ppm)
	18.29	19.81	1.52	88-13 60-65	1.71	
	19.81	21.34	1.53	88-13 65-70	2.47	
	21.34	22.86	1.52	88-13 70-75	3.36	
	22.86	24.38	1.52	88-13 75-80	0.93	
	24.38	25.91	1.53	88-13 80-85	1.47	
	25.91	27.43	1.52	88-13 85-90	0.31	
	27.43	28.96	1.53	88-13 90-95	0.48	
	28.96	30.48	1.52	88-13 95-10	2.47	
			21.34		1.36	
PN88-13	15.24	16.76	1.52	88-13 50-55	1.68	
	16.76	18.29	1.53	88-13 55-60	1.44	
	18.29	19.81	1.52	88-13 60-65	1.71	
	19.81	21.34	1.53	88-13 65-70	2.47	
	21.34	22.86	1.52	88-13 70-75	3.36	
	22.86	24.38	1.52	88-13 75-80	0.93	
	24.38	25.91	1.53	88-13 80-85	1.47	
			10.67		1.87	
PN88-14	16.76	18.29	1.53	88-14 55-60	0.89	
	18.29	19.81	1.52	88-14 60-65	0.65	
	19.81	21.34	1.53	88-14 65-70	0.45	
	21.34	22.86	1.52	88-14 70-75	0.72	
	22.86	24.38	1.52	88-14 75-80	0.82	
			7.62		0.71	
PN88-15	0.00	3.05	3.05	88-15 0-10	2.09	
	3.05	4.57	1.52	88-15 10-15	3.02	
	4.57	6.10	1.53	88-15 15-20	0.86	
	6.10	7.62	1.52	88-15 20-25	0.62	
	7.62	9.14	1.52	88-15 25-30	1.92	
	9.14	10.67	1.53	88-15 30-35	0.82	
	10.67	12.19	1.52	88-15 35-40	0.99	
	12.19	13.72	1.53	88-15 40-45	0.45	
	13.72	15.24	1.52	88-15 45-50	0.51	
	15.24	16.76	1.52	88-15 50-55	0.55	
			16.76		1.26	
PN88-15	19.81	21.34	1.53	88-15 65-70	0.38	
	21.34	22.86	1.52	88-15 70-75	1.23	
			3.05		0.80	
PN88-16	13.72	15.24	1.52	88-16 45-50	2.71	
	15.24	16.76	1.52	88-16 50-55	0.62	
	16.76	18.29	1.53	88-16 55-60	0.65	
	18.29	19.81	1.52	88-16 60-65	0.75	
	19.81	21.34	1.53	88-16 65-70	0.55	
	21.34	22.86	1.52	88-16 70-75	1.82	
	22.86	24.38	1.52	88-16 75-80	0.79	
	24.38	25.91	1.53	88-16 80-85	0.27	
	25.91	27.43	1.52	88-16 85-90	0.55	
	27.43	28.96	1.53	88-16 90-95	2.40	
			15.24		1.11	
PN88-17	21.34	22.86	1.52	88-17 70-75	0.72	
	22.86	24.38	1.52	88-17 75-80	0.89	
	24.38	25.91	1.53	88-17 80-85	1.27	
	25.91	27.43	1.52	88-17 85-90	0.99	
	27.43	28.96	1.53	88-17 90-95	0.45	
	28.96	30.48	1.52	88-17 95-10	1.58	
			9.14		0.98	
PN88-18	0.00	3.05	3.05	88-18 0-10	0.82	
	3.05	4.57	1.52	88-18 10-15	0.72	
	4.57	6.10	1.53	88-18 15-20	0.58	
			6.10		0.73	
PN88-18	10.67	12.19	1.52	88-18 35-40	1.10	
	12.19	13.72	1.53	88-18 40-45	0.89	
	13.72	15.24	1.52	88-18 45-50	1.44	
	15.24	16.76	1.52	88-18 50-55	0.48	
	16.76	18.29	1.53	88-18 55-60	1.41	
	18.29	19.81	1.52	88-18 60-65	0.99	
	19.81	21.34	1.53	88-18 65-70	0.55	

Drill Hole	From (m)	To (m)	Interval (m)	Sample No	Gold (g/t)	Copper (ppm)
	21.34	22.86	1.52	88-18 70-75	0.89	
	22.86	24.38	1.52	88-18 75-80	0.31	
	24.38	25.91	1.53	88-18 80-85	0.72	
	25.91	27.43	1.52	88-18 85-90	2.71	
	27.43	28.96	1.53	88-18 90-95	0.79	
	28.96	30.48	1.52	88-18 95-10	0.82	
			19.81		1.01	
PN88-19	0.00	3.05	3.05	88-19 0-10	0.65	
	3.05	4.57	1.52	88-19 10-15	0.89	
	4.57	6.10	1.53	88-19 15-20	0.41	
	6.10	7.62	1.52	88-19 20-25	0.69	
	7.62	9.14	1.52	88-19 25-30	4.66	
	9.14	10.67	1.53	88-19 30-35	0.62	
	10.67	12.19	1.52	88-19 35-40	4.11	
	12.19	13.72	1.53	88-19 40-45	5.07	
	13.72	15.24	1.52	88-19 45-50	1.34	
	15.24	16.76	1.52	88-19 50-55	0.99	
	16.76	18.29	1.53	88-19 55-60	1.30	
	18.29	19.81	1.52	88-19 60-65	0.41	
	19.81	21.34	1.53	88-19 65-70	1.30	
	21.34	22.86	1.52	88-19 70-75	0.79	
	22.86	24.38	1.52	88-19 75-80	1.71	
	24.38	25.91	1.53	88-19 80-85	3.70	
	25.91	27.43	1.52	88-19 85-90	1.13	
	27.43	28.96	1.53	88-19 90-95	0.65	
	28.96	30.48	1.52	88-19 95-10	0.55	
			30.48		1.58	
PN88-19	7.62	9.14	1.52	88-19 25-30	4.66	
	9.14	10.67	1.53	88-19 30-35	0.62	
	10.67	12.19	1.52	88-19 35-40	4.11	
	12.19	13.72	1.53	88-19 40-45	5.07	
	13.72	15.24	1.52	88-19 45-50	1.34	
	15.24	16.76	1.52	88-19 50-55	0.99	
	16.76	18.29	1.53	88-19 55-60	1.30	
	18.29	19.81	1.52	88-19 60-65	0.41	
	19.81	21.34	1.53	88-19 65-70	1.30	
	21.34	22.86	1.52	88-19 70-75	0.79	
	22.86	24.38	1.52	88-19 75-80	1.71	
	24.38	25.91	1.53	88-19 80-85	3.70	
	25.91	27.43	1.52	88-19 85-90	1.13	
			19.81		2.09	
PN88-20	22.86	24.38	1.52	88-20 75-80	0.62	
	24.38	25.91	1.53	88-20 80-85	1.10	
	25.91	27.43	1.52	88-20 85-90	2.47	
	27.43	28.96	1.53	88-20 90-95	0.58	
	28.96	30.48	1.52	88-20 95-10	0.55	
			7.62		1.06	
PN88-21	13.72	15.24	1.52	88-21 45-50	0.58	
	15.24	16.76	1.52	88-21 50-55	0.58	
	16.76	18.29	1.53	88-21 55-60	0.24	
	18.29	19.81	1.52	88-21 60-65	0.86	
	19.81	21.34	1.53	88-21 65-70	0.55	
			7.62		0.56	
PN88-21	24.38	25.91	1.53	88-21 80-85	0.86	
	25.91	27.43	1.52	88-21 85-90	0.21	
	27.43	28.96	1.53	88-21 90-95	1.27	
			4.58		0.78	
PN88-22	0.00	3.05	3.05	88-22 0-10	0.89	
	3.05	4.57	1.52	88-22 10-15	1.13	
	4.57	6.10	1.53	88-22 15-20	1.82	
			6.10		1.18	
PN88-22	9.14	10.67	1.53	88-22 30-35	1.23	
	10.67	12.19	1.52	88-22 35-40	0.72	
			3.05		0.98	
PN88-22	24.38	25.91	1.53	88-22 80-85	0.45	
	25.91	27.43	1.52	88-22 85-90	1.44	

Drill Hole	From (m)	To (m)	Interval (m)	Sample No	Gold (g/t)	Copper (ppm)
			3.05		0.94	
PN88-23	3.05	4.57	1.52	88-23 10-15	0.55	
	4.57	6.10	1.53	88-23 15-20	0.82	
	6.10	7.62	1.52	88-23 20-25	0.38	
	7.62	9.14	1.52	88-23 25-30	0.96	
	9.14	10.67	1.53	88-23 30-35	2.19	
	10.67	12.19	1.52	88-23 35-40	0.99	
	12.19	13.72	1.53	88-23 40-45	0.86	
	13.72	15.24	1.52	88-23 45-50	0.51	
	15.24	16.76	1.52	88-23 50-55	0.99	
			13.71		0.92	
PN88-24	0.00	3.05	3.05	88-24 0-10	1.03	
	3.05	4.57	1.52	88-24 10-15	0.45	
			4.57		0.84	
PN88-24	7.62	9.14	1.52	88-24 25-30	1.41	
	9.14	10.67	1.53	88-24 30-35	1.20	
	10.67	12.19	1.52	88-24 35-40	1.41	
	12.19	13.72	1.53	88-24 40-45	2.16	
	13.72	15.24	1.52	88-24 45-50	1.85	
	15.24	16.76	1.52	88-24 50-55	1.06	
	16.76	18.29	1.53	88-24 55-60	0.75	
	18.29	19.81	1.52	88-24 60-65	0.51	
	19.81	21.34	1.53	88-24 65-70	0.38	
	21.34	22.86	1.52	88-24 70-75	1.89	
	22.86	24.38	1.52	88-24 75-80	1.30	
	24.38	25.91	1.53	88-24 80-85	1.10	
			18.29		1.25	
PN88-25	0.00	3.05	3.05	88-25 0-10	0.58	
	3.05	4.57	1.52	88-25 10-15	1.20	
			4.57		0.79	
PN88-25	9.14	10.67	1.53	88-25 30-35	1.10	
	10.67	12.19	1.52	88-25 35-40	0.31	
	12.19	13.72	1.53	88-25 40-45	0.99	
			4.58		0.80	
PN88-25	18.29	19.81	1.52	88-25 60-65	1.44	
	19.81	21.34	1.53	88-25 65-70	0.99	
	21.34	22.86	1.52	88-25 70-75	1.17	
	22.86	24.38	1.52	88-25 75-80	1.58	
	24.38	25.91	1.53	88-25 80-85	1.03	
	25.91	27.43	1.52	88-25 85-90	0.58	
	27.43	28.96	1.53	88-25 90-95	0.21	
	28.96	30.48	1.52	88-25 95-10	0.75	
			12.19		0.97	
PN88-25	18.29	19.81	1.52	88-25 60-65	1.44	
	19.81	21.34	1.53	88-25 65-70	0.99	
	21.34	22.86	1.52	88-25 70-75	1.17	
	22.86	24.38	1.52	88-25 75-80	1.58	
	24.38	25.91	1.53	88-25 80-85	1.03	
			7.62		1.24	
PN88-26	0.00	3.05	3.05	88-26 0-10	1.06	
	3.05	4.57	1.52	88-26 10-15	0.51	
	4.57	6.10	1.53	88-26 15-20	0.82	
	6.10	7.62	1.52	88-26 20-25	0.79	
			7.62		0.85	
PN88-26	10.67	12.19	1.52	88-26 35-40	0.82	
	12.19	13.72	1.53	88-26 40-45	1.17	
			3.05		1.00	
PN88-26	22.86	24.38	1.52	88-26 75-80	0.51	
	24.38	25.91	1.53	88-26 80-85	0.51	
			3.05		0.51	
PN88-26	27.43	28.96	1.53	88-26 90-95	0.21	
	28.96	30.48	1.52	88-26 95-10	1.34	
			3.05		0.77	

Drill Hole	From (m)	To (m)	Interval (m)	Sample No	Gold (g/t)	Copper (ppm)
PN88-27	13.72	15.24	1.52	88-27 45-50	0.55	
	15.24	16.76	1.52	88-27 50-55	1.03	
	16.76	18.29	1.53	88-27 55-60	1.47	
	18.29	19.81	1.52	88-27 60-65	2.88	
	19.81	21.34	1.53	88-27 65-70	0.65	
	21.34	22.86	1.52	88-27 70-75	0.82	
			9.14		1.23	
PN88-28	3.05	4.57	1.52	88-28 10-15	0.58	
	4.57	6.10	1.53	88-28 15-20	1.47	
	6.10	7.62	1.52	88-28 20-25	1.65	
	7.62	9.14	1.52	88-28 25-30	0.38	
	9.14	10.67	1.53	88-28 30-35	1.41	
	10.67	12.19	1.52	88-28 35-40	0.89	
	12.19	13.72	1.52	88-28 40-45	0.86	
	13.72	15.24	1.52	88-28 45-50	0.99	
	15.24	16.76	1.52	88-28 50-55	1.51	
	16.76	18.29	1.53	88-28 55-60	1.61	
	18.29	19.81	1.52	88-28 60-65	2.43	
	19.81	21.34	1.53	88-28 65-70	1.13	
	21.34	22.86	1.52	88-28 70-75	0.21	
	22.86	24.38	1.52	88-28 75-80	0.79	
	24.38	25.91	1.53	88-28 80-85	0.69	
	25.91	27.43	1.52	88-28 85-90	0.55	
	27.43	28.96	1.53	88-28 90-95	0.51	
	28.96	30.48	1.52	88-28 95-10	0.51	
			27.43		1.01	
PN88-28	4.57	6.10	1.53	88-28 15-20	1.47	
	6.10	7.62	1.52	88-28 20-25	1.65	
	7.62	9.14	1.52	88-28 25-30	0.38	
	9.14	10.67	1.53	88-28 30-35	1.41	
	10.67	12.19	1.52	88-28 35-40	0.89	
	12.19	13.72	1.53	88-28 40-45	0.86	
	13.72	15.24	1.52	88-28 45-50	0.99	
	15.24	16.76	1.52	88-28 50-55	1.51	
	16.76	18.29	1.53	88-28 55-60	1.61	
	18.29	19.81	1.52	88-28 60-65	2.43	
	19.81	21.34	1.53	88-28 65-70	1.13	
			16.77		1.30	
PN88-29	7.62	9.14	1.52	88-29 25-30	1.03	
	9.14	10.67	1.53	88-29 30-35	1.51	
			3.05		1.27	
PN88-29	16.76	18.29	1.52	88-29 55-60	0.75	
	18.29	19.81	1.52	88-29 60-65	0.75	
			3.05		0.75	
PN88-29	22.86	24.38	1.52	88-29 75-80	4.11	
	24.38	25.91	1.53	88-29 80-85	1.47	
	25.91	27.43	1.52	88-29 85-90	0.45	
	27.43	28.96	1.53	88-29 90-95	1.51	
			6.10		1.89	
PN88-30	6.10	7.62	1.52	88-30 20-25	0.55	
	7.62	9.14	1.52	88-30 25-30	0.55	
			3.04		0.55	
PN88-30	12.19	13.72	1.53	88-30 40-45	1.23	
	13.72	15.24	1.52	88-30 45-50	0.62	
	15.24	16.76	1.52	88-30 50-55	0.75	
	16.76	18.29	1.53	88-30 55-60	0.65	
	18.29	19.81	1.52	88-30 60-65	0.51	
	19.81	21.34	1.53	88-30 65-70	2.74	
	21.34	22.86	1.52	88-30 70-75	1.61	
	22.86	24.38	1.52	88-30 75-80	4.53	
	24.38	25.91	1.52	88-30 80-85	0.89	
	25.91	27.43	1.52	88-30 85-90	1.10	
			15.24		1.46	
PN88-30	19.81	21.34	1.53	88-30 65-70	2.74	
	21.34	22.86	1.52	88-30 70-75	1.61	

Drill Hole	From (m)	To (m)	Interval (m)	Sample No	Gold (g/t)	Copper (ppm)
	22.86	24.38	1.52	88-30 75-80	4.53	
	24.38	25.91	1.53	88-30 80-85	0.89	
	25.91	27.43	1.52	88-30 85-90	1.10	
			7.62		2.17	
PN88-31	39.62	41.15	1.53	88-31 35-40	0.86	
	41.15	42.67	1.52	88-31 40-45	0.51	
			3.05		0.69	
PN88-31	80.77	82.30	1.53	88-31 170-1	0.89	
	82.30	83.82	1.52	88-31 175-1	0.17	
	83.82	85.34	1.52	88-31 180-1	0.89	
	85.34	86.87	1.53	88-31 185-1	0.89	
			6.10		0.71	
PN88-31	92.96	94.49	1.53	88-31 210-2	17.55	
	94.49	96.01	1.52	88-31 215-2	4.56	
	96.01	97.54	1.53	88-31 220-2	0.86	
	97.54	99.06	1.52	88-31 225-2	21.67	
	99.06	100.58	1.52	88-31 230-2	0.55	
	100.58	102.11	1.53	88-31 235-2	0.75	
	102.11	103.63	1.52	88-31 240-2	0.79	
	103.63	105.16	1.53	88-31 245-2	1.13	
	105.16	106.68	1.52	88-31 250-2	0.48	
	106.68	108.20	1.52	88-31 255-2	0.93	
	108.20	109.73	1.53	88-31 260-2	1.17	
			16.77		4.58	
PN88-31	92.96	94.49	1.53	88-31 210-2	17.55	
	94.49	96.01	1.52	88-31 215-2	4.56	
	96.01	97.54	1.53	88-31 220-2	0.86	
	97.54	99.06	1.52	88-31 225-2	21.67	
			6.10		11.15	
PN88-32	35.05	36.58	1.53	88-32 115-1	0.82	
	36.58	38.10	1.52	88-32 120-1	0.21	
	38.10	39.62	1.52	88-32 125-1	0.65	
	39.62	41.15	1.53	88-32 130-1	2.64	
	41.15	42.67	1.52	88-32 135-1	4.53	
	42.67	44.20	1.53	88-32 140-1	1.17	
	44.20	45.72	1.52	88-32 145-1	0.55	
	45.72	47.24	1.52	88-32 150-1	1.89	
	47.24	48.77	1.53	88-32 155-1	2.64	
	48.77	50.29	1.52	88-32 160-1	2.02	
	50.29	51.82	1.53	88-32 165-1	0.58	
	51.82	53.34	1.52	88-32 170-1	0.55	
	53.34	54.86	1.52	88-32 175-1	0.62	
	54.86	56.39	1.53	88-32 180-1	1.30	
	56.39	57.91	1.52	88-32 185-1	1.06	
			22.86		1.42	
PN88-33	12.19	13.72	1.53	88-33 40-45	0.79	
	13.72	15.24	1.52	88-33 45-50	1.78	
	15.24	16.76	1.52	88-33 50-55	5.04	
	16.76	18.29	1.53	88-33 55-60	1.10	
	18.29	19.81	1.52	88-33 60-65	0.62	
	19.81	21.34	1.53	88-33 65-70	0.51	
	21.34	22.86	1.52	88-33 70-75	2.09	
	22.86	24.38	1.52	88-33 75-80	1.03	
	24.38	25.91	1.53	88-33 80-85	1.10	
			13.72		1.56	
PN88-33	35.05	36.58	1.53	88-33 115-1	1.75	
	36.58	38.10	1.52	88-33 120-1	0.17	
			3.05		0.96	
PN88-33	51.82	53.34	1.52	88-33 170-1	1.37	
	53.34	54.86	1.52	88-33 175-1	1.10	
	54.86	56.39	1.53	88-33 180-1	0.58	
	56.39	57.91	1.52	88-33 185-1	0.69	
			6.09		0.93	
PN88-33	70.10	71.63	1.53	88-33 230-2	0.51	
	71.63	73.15	1.52	88-33 235-2	0.69	

Drill Hole	From (m)	To (m)	Interval (m)	Sample No	Gold (g/t)	Copper (ppm)
			3.05		0.60	
PN88-33	103.63	105.16	1.53	88-33 340-3	0.55	
	105.16	106.68	1.52	88-33 345-3	0.51	
			3.05		0.53	
PN88-34	0.00	3.05	3.05	88-34 0-10	0.75	
PN88-34	9.14	10.67	1.53	88-34 30-35	1.37	
	10.67	12.19	1.52	88-34 39-40	4.25	
	12.19	13.72	1.53	88-34 40-45	0.14	
	13.70	15.24	1.54	88-34 45-50	1.61	
			6.12		1.84	
PN88-34	24.39	25.91	1.52	88-34 80-85	0.99	
	25.91	27.43	1.52	88-34 85-90	0.24	
			3.04		0.61	
PN88-34	32.00	33.53	1.53	88-34 105-1	0.62	
	33.53	35.05	1.52	88-34 110-1	2.33	
			3.05		1.47	
PN88-35	9.14	10.67	1.53	88-35 30-35	0.48	
	10.67	12.19	1.52	88-35 35-40	0.55	
			3.05		0.51	
PN88-35	27.43	28.96	1.53	88-35 90-95	0.14	
	28.96	30.48	1.52	88-35 95-10	0.99	
			3.05		0.56	
PN88-35	54.86	56.39	1.53	88-35 180-1	0.69	
	56.39	57.91	1.52	88-35 185-1	0.38	
			3.05		0.54	

A number of the pre-2001 diamond and percussion drill holes in the west-central part of the zone intersected higher than average grade mineralization. These intersections appeared to form a discontinuous tabular body, called the Stephen Vein, that was assumed to strike northerly and dip steeply to the west. Using this geological model results were spotty with high grade intersections in only three of nine holes that should have intersected the vein and no evidence of it in an overlying trench. All of the good intersections were in percussion holes so no geological data are available for them. The best result came from hole PN88-08, which yielded 31.45 g/t gold over 15.24 m. In 2001 the west-dipping model was tested but the holes failed to intersect significant mineralization where the vein was expected. However, stockwork mineralization was intersected higher in the holes directly overlying a porphyry dyke. This led to a re-interpretation of earlier data assuming that the mineralization is associated with the dyke and has a moderate easterly dip. This produced a much more satisfactory explanation for the various trench and drill data, explaining not only the "hits" but also most of the "misses". Unfortunately, while this model better accounts for the geometry of the zone, it still does not explain why there is a cluster of uncommonly high grade intersections in this area.

The first three of 2001 holes produced favourable results, especially hole DN01-03 which contained the best stockwork intersection obtained to date on the property and also extended the area of drill indicated mineralization 100 m to the north. By comparison, the last three holes were disappointing. Although they contained a number of significant intervals, all of the intervals were somewhat shorter than those obtained from holes updip in the sections. Wallrocks in these holes were generally similar to those in the shallower holes but porphyry dykes were less abundant and narrower in them. There is still a close relationship between gold mineralization and proximity to the porphyry bodies in the deeper holes, and therefore the volumetric decrease in their abundance likely accounts for the decreased gold content.

In order to better understand the distribution of gold and its relationship to other metals correlation coefficients were calculated. Table II shows correlation coefficients from all drill samples for which there are multi-element results while Table III illustrates them for hypogene drill samples only. Bismuth is the best correlated metal in both data sets. Silver and antimony show weak positive correlation for all drill results but this relationship is not evident for the hypogene samples only. Sulphur is weakly correlated in both data sets and in the hypogene data is supported by copper, arsenic and iron, which generally agrees with the visual observation that sulphide abundance is broadly indicative of gold grade.

TRENCH RESULTS

A total of eight excavator trenches were cut in 2001. Trenches TR01-01, -02, -03, -04, -07 and -08 are in the southern part of the zone while trenches TR01-05 and -06 are in the west-central part. Trenches TR01-02, -04 and -08 were designed to test higher grade vein targets, trench TR01-07 explored for veins and the source of gold bearing massive magnetite float, and the others were primarily directed toward stockwork mineralization.

Trenches TR01-01 and -03 together provide a nearly continuous section across a swampy area where earlier excavator pits had yielded encouraging results. Several narrow bands of mineralization were exposed, the widest of which averaged 0.65 g/t gold over 11 m. These results were slightly lower than expected because a number of quartz veins and clay altered faults, that resemble mineralized structures elsewhere in the zone, were discovered in the

Table II Correlation Coefficients for All Drill Samples - Nucleus Zone

	Au	Cu	Ag	As	Bi	Ca	Fe	K	Mg	Mn	Na	Ni	Pb	S	Sb	Zn
Au		0.05	0.23	0.08	0.42	-0.11	0.02	-0.01	-0.05	-0.06	-0.05	0.00	0.00	0.20	0.18	-0.03
Cu	0.05		0.29	0.03	0.09	-0.15	0.09	-0.05	-0.10	-0.10	-0.15	0.52	-0.02	0.42	0.26	0.19
Ag	0.23	0.29		0.14	0.36	-0.11	0.25	0.15	-0.01	-0.05	-0.07	0.18	0.05	0.45	0.23	0.11
As	0.08	0.03	0.14		0.23	-0.13	0.08	-0.05	-0.13	-0.07	-0.18	0.06	0.21	0.26	0.34	0.07
Bi	0.42	0.09	0.36	0.23		-0.08	0.07	0.02	-0.06	-0.05	-0.10	0.01	0.24	0.19	0.21	0.06
Ca	-0.11	-0.15	-0.11	-0.13	-0.08		0.21	0.18	0.47	0.46	0.32	0.18	-0.01	0.14	-0.14	-0.02
Fe	0.02	0.09	0.25	0.08	0.07	0.21		0.54	0.61	0.59	0.16	0.40	0.04	0.66	0.10	0.38
K	-0.01	-0.05	0.15	-0.05	0.02	0.18	0.54		0.78	0.28	0.32	0.24	0.09	0.09	-0.08	0.16
Mg	-0.05	-0.10	-0.01	-0.13	-0.06	0.47	0.61	0.78		0.56	0.34	0.37	-0.06	0.26	-0.28	0.15
Mn	-0.06	-0.10	-0.05	-0.07	-0.05	0.46	0.59	0.28	0.56		0.20	0.41	-0.03	0.34	-0.12	0.39
Na	-0.05	-0.15	-0.07	-0.18	-0.10	0.32	0.16	0.32	0.34	0.20		0.13	-0.04	-0.05	-0.18	0.00
Ni	0.00	0.52	0.18	0.06	0.01	0.18	0.40	0.24	0.37	0.41	0.13		-0.06	0.46	0.12	0.35
Pb	0.00	-0.02	0.05	0.21	0.24	-0.01	0.04	0.09	-0.06	-0.03	-0.04	-0.06		0.01	0.23	0.21
S	0.20	0.42	0.45	0.26	0.19	0.14	0.66	0.09	0.26	0.34	-0.05	0.46	0.01		0.30	0.18
Sb	0.18	0.26	0.23	0.34	0.21	-0.14	0.10	-0.08	-0.28	-0.12	-0.18	0.12	0.23	0.30		0.12
Zn	-0.03	0.19	0.11	0.07	0.06	-0.02	0.38	0.16	0.15	0.39	0.00	0.35	0.21	0.18	0.12	

Max	36.48	9440	11.40	9210	832	3.44	11	1.89	3.67	1600	0.28	128	602	9	315	1180
Count*	1040	1106	576	700	514	653	713	716	681	707	536	682	479	478	564	861

Table III Correlation Coefficients for Hypogene Drill Samples - Nucleus Zone

	Au	Cu	Ag	As	Bi	Ca	Fe	K	Mg	Mn	Na	Ni	Pb	S	Sb	Zn
Au		0.17	0.09	0.14	0.37	0.00	0.10	0.00	-0.01	0.01	0.13	0.13	-0.02	0.13	0.05	0.05
Cu	0.17		0.69	0.26	0.18	-0.20	0.15	-0.17	-0.25	-0.07	-0.18	0.58	-0.02	0.47	0.61	0.16
Ag	0.09	0.69		0.16	0.15	-0.19	0.19	-0.13	-0.19	0.02	-0.15	0.47	-0.09	0.46	0.33	0.21
As	0.14	0.26	0.16		0.51	-0.12	0.12	-0.20	-0.19	0.00	-0.17	0.20	0.08	0.39	0.40	0.17
Bi	0.37	0.18	0.15	0.51		-0.06	0.11	-0.06	-0.15	0.00	0.00	0.06	0.25	0.27	0.27	0.28
Ca	0.00	-0.20	-0.19	-0.12	-0.06		0.10	0.14	0.31	0.29	0.24	0.06	0.03	-0.07	-0.15	-0.08
Fe	0.10	0.15	0.19	0.12	0.11	0.10		0.46	0.60	0.61	0.12	0.40	0.07	0.73	-0.07	0.21
K	0.00	-0.17	-0.13	-0.20	-0.06	0.14	0.46		0.87	0.25	0.31	0.19	0.08	-0.05	-0.31	0.03
Mg	-0.01	-0.25	-0.19	-0.19	-0.15	0.31	0.60	0.87		0.36	0.29	0.20	0.01	0.06	-0.43	0.00
Mn	0.01	-0.07	0.02	0.00	0.00	0.29	0.61	0.25	0.36		0.26	0.29	0.23	0.19	-0.10	0.33
Na	0.13	-0.18	-0.15	-0.17	0.00	0.24	0.12	0.31	0.29	0.26		0.27	0.12	-0.12	-0.28	0.01
Ni	0.13	0.58	0.47	0.20	0.06	0.06	0.40	0.19	0.20	0.29	0.27		-0.07	0.39	0.38	0.24
Pb	-0.02	-0.02	-0.09	0.08	0.25	0.03	0.07	0.08	0.01	0.23	0.12	-0.07		0.06	0.08	0.78
S	0.13	0.47	0.46	0.39	0.27	-0.07	0.73	-0.05	0.06	0.19	-0.12	0.39	0.06		0.38	0.18
Sb	0.05	0.61	0.33	0.40	0.27	-0.15	-0.07	-0.31	-0.43	-0.10	-0.28	0.38	0.08	0.38		0.18
Zn	0.05	0.16	0.21	0.17	0.28	-0.08	0.21	0.03	0.00	0.33	0.01	0.24	0.78	0.18	0.18	

Max	5.70	9440	7.80	8870	334	3.44	10	1.89	2.65	1600	0.28	128	236	7	106	420
Count*	318	355	81	260	167	265	264	265	265	265	206	263	121	264	217	265

* The correlations do not include any values less than detection limit.

trenches. One of the quartz veins contained patches of disseminated molybdenite while another was malachite stained with traces of chalcopyrite. Both of these veins returned near background gold values. Perhaps significantly, granodiorite dykes were exposed in the vicinity of these veins but no porphyry dykes were present.

Trenches TR01-02, -04 and -08 were dug over a 350 m strike length in an area where earlier shallow trenches had returned promising gold values. The 2001 trenches provided a much better understanding of the geological setting and showed that the gold is related to two, en echelon veins. TR01-02, the most southerly trench in the zone, partial reopened and extended an old trench. Although vegetation was stripped from the site several years ago, soil and rock at the bottom of the trench were still frozen and when disturbed became very muddy, thus hampering sampling and mapping. In spite of this, the 2001 work successfully confirmed the location of a vein which had returned 3.57 g/t gold over 5.0 m. TR01-08 is located 200 m to the north and was dug into the floor of an old bulldozer trench that had been stripped of vegetation and soil, but not sampled. Once deepened the trench exposed a 5.0 m wide quartz vein which together with adjacent bleached wallrock averaged 3.63 g/t gold over 9.5 m. This vein is believed to be the extension of the structure exposed in TR01-02. TR01-04 lies 150 m further north along the bottom of another old bulldozer trench that barely reached bedrock. Samples from that trench were taken from soliflucted material and included a 20 m interval that averaged 1.90 g/t gold. Upon deepening, the source of the mineralized material was revealed to be a 3.3 m wide vein containing crushed quartz bands, limonite and clay altered wallrock, channel samples across which averaged 8.89 g/t gold. This vein likely continues at least another 100 m to the north because two other pre-2001 trenches located directly along strike graded 1.82 g/t gold across 5.0 m and 1.69 g/t gold across 15.0 m. These trenches were not deepened or resampled in 2001. Based on structural measurements from the various trenches, both veins appear to strike about 170° and dip steeply to the east. Soil geochemistry suggests the veins could extend further to the south.

Trench TR01-07 failed to locate the source of gold bearing magnetite float and returned uniformly low assays, except for a 1.0 m wide vein that yielded elevated arsenic, silver, lead and bismuth values but only 0.54 g/t gold.

Trench TR01-05 was dug updip from the stockwork mineralization intersected in hole DN01-03. Although some promising looking veins were discovered, no porphyry dykes or stockwork mineralization were exposed in the trench. Assay results were disappointing with the highest being 1.59 g/t gold from a 5.0 m interval of unaltered chlorite schist. Trench TR01-06 was dug about 60 m to the northwest. It uncovered similar, interesting looking veins but returned even lower gold values. Multi-element analyses of samples from both these trenches are distinguished from those obtained elsewhere in the Nucleus Zone by abnormally high arsenic, antimony and bismuth results without accompanying gold values.

GEOPHYSICAL RESULTS

As mentioned previously a field report describing the 2001 geophysical surveys is copied in its entirety with maps and sections in Appendix V. The following paragraphs summarize results and comment upon possible geological explanations and implications.

The IP surveys were conducted using a dipole-dipole array configured to recognize accumulations of sulphide minerals about 100 m below surface. This configuration was utilized in order to test beneath the approximately 60 m thick oxide cap from which most sulphide minerals have been leached. All but two of the 13 survey lines identified at least one area of moderate chargeability, which equates to 3.5 to 5% contained sulphide minerals when modelled with the UBC 2D resistivity and IP inversion software package. Most gold bearing intervals in the drill holes exhibit sulphide minerals content within that range.

Elevated chargeability was outlined about 50 to 150 m east of nearly all areas where gold mineralization was exposed in trenches or intersected in shallow drill holes. This apparent offset is consistent with the moderate east dips assigned to the porphyry dykes and associated gold mineralization. Surprisingly one of the IP lines without moderate chargeability bisected the 2001 drill area where some of the best grade trenches and shallow drill holes are located. Deeper drill holes that penetrated beneath the oxidized cap in the vicinity of this line yielded only a few, relatively narrow gold bearing intervals, which appears to validate the weak chargeability response. The other line through the 2001 drill area defined a wide band of chargeability response, which in part coincides with the excellent intervals obtained in hole DN01-03. As previously stated, excavator trenches overlying the intersections in hole DN01-03 contained only a few narrow mineralized intervals, thus the IP results successfully identified a sizeable, blind target.

While it is significant that the IP survey defined areas of moderate chargeability downdip from most known areas of gold mineralization, it is perhaps just as significant that elevated chargeability response was not observed in the vicinity of trenches which did not contain gold mineralization.

Based on chargeability results, the area of interest appears to extend beyond the limits of the IP survey. The logical projections of the chargeability anomalies are consistent with geological and soil geochemical data.

Resistivity data from the IP survey were most effective in outlining areas underlain by microgranite. This unit is highly siliceous and characteristically contains very little sulphide mineralization. Some of the IP lines show a broad area of high resistivity near surface that is partially underlain by narrow core of high resistivity extending to depth. This mushroom-shaped pattern suggests that much of the exposed microgranite may have been emplaced as a laccolithic dome.

One test HLEM line was run across the core of the 2001 drill area. It produced well defined, wide and very deep conductors directly downdip from mineralized trenches and drill holes. These results are encouraging as they suggest that HLEM is another geophysical technique that could be used to explore for buried gold mineralization.

CONCLUSIONS AND RECOMMENDATIONS

The Golden Revenue property lies within the Tintina Gold Belt and exhibits many geological features associated with intrusion-related deposits in the belt. ATAC is exploring the property using exploration models developed in the past few years by geologists studying recently discovered deposits in Alaska and Yukon.

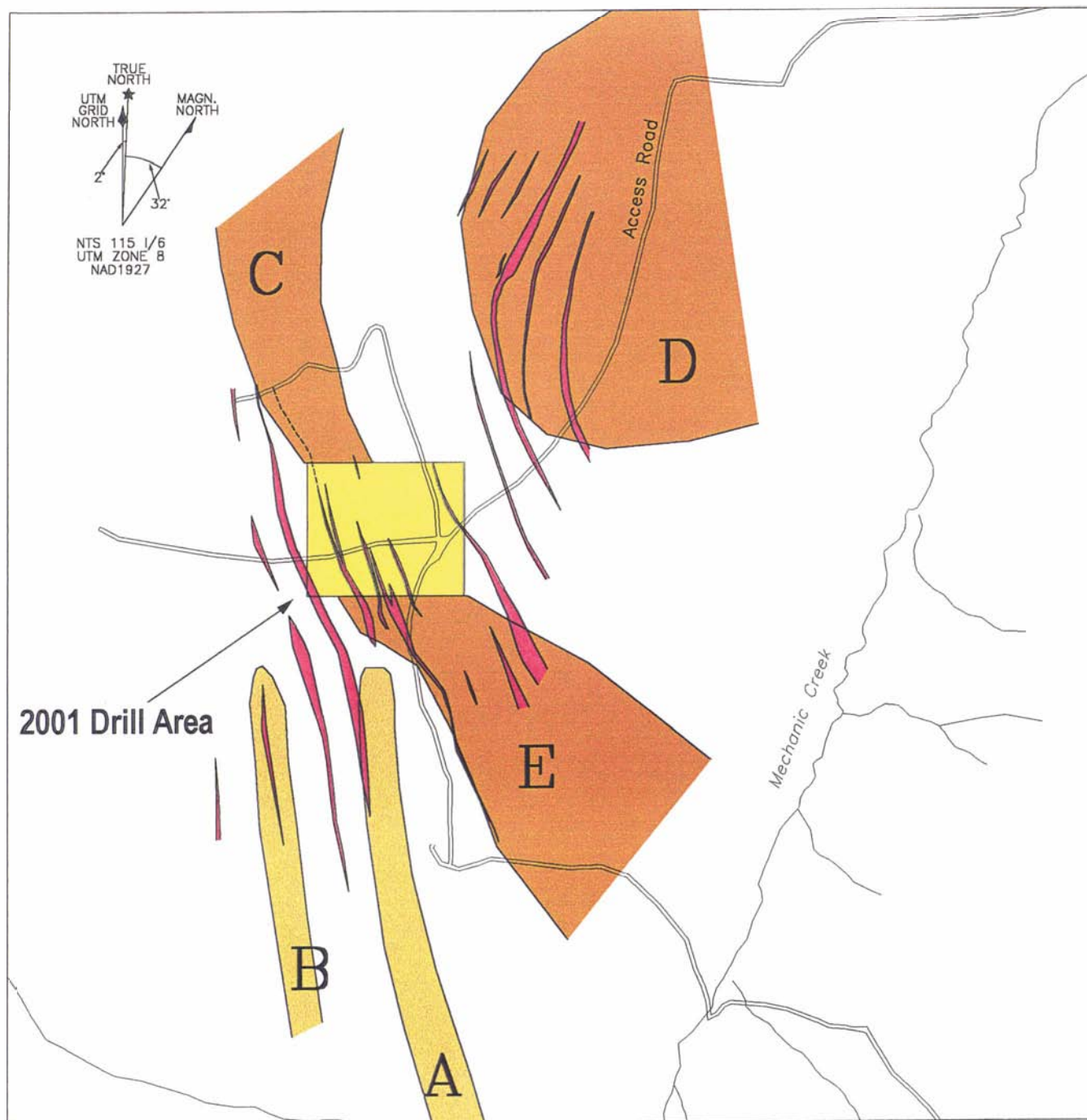
The Tintina Gold Belt is comprised of gold and silver deposits that are spatial and temporal associated with Cretaceous magmatism. Several features make these deposits desirable exploration and mining targets. First of all they have good size potential including Pogo, 9.05 million tonnes of 17.8 g/t gold (Smith, et al, 2000); Donlin Creek, 110.7 million tonnes of 2.91 g/t gold (Ebert, et al, 2000); Fort Knox, 169 million tonnes of 0.93 g/t gold (Bakke, et al, 2000); Brewery Creek, 13.3 million tonnes of 1.44 g/t gold; and, Dublin Gulch, 99 million tonnes of 1.2 g/t gold (Hart, et al, 2000). Typically the deposits are metallurgically straightforward, amenable to low cost mining methods and have minimal environmental impact.

Gold occurrences on the Golden Revenue property appear to belong to a sub-group of deposits where mineralization is structurally controlled, occurring as veins and stockworks within both intrusive and metasedimentary host rocks (Hart, et al, 2000). Mineralized veins and stockworks are located in the joint sets developed near the roof or along the margins of plutons and are particularly abundant adjacent to porphyry dykes.

Exploration at the Nucleus Zone has yielded particularly favourable results. Diamond and percussion drilling within a 200 by 200 m area in the core of the zone has outlined a promising resource of near surface gold mineralization. Geochemical sampling, IP surveys, excavator trenching and a few widely spaced drill holes have defined five large drill targets peripheral to the core area, as shown on Figure 15. Three of these targets are primarily of interest for widespread, low to medium grade stockwork mineralization, while the other two host narrow but high grade veins. The following table compares results from various types of exploration work within the peripheral targets to those from the 2001 drill area.

Target	Approximate Surface Area (sq m)	Maximum Gold-in-soil (ppb)	Moderate Chargeability	Best Trench Interval (g/t / m)	Best Drill Intersection (g/t / m)
2001 Drill Area	40,000	1940	Yes	1.40 / 52	1.32 / 57.76
A	35,000	4600	Yes	8.89 / 3.3	no drill holes
B	30,000	315	No	1.21 / 15	no drill holes
C	60,000	550	Yes	1.14 / 4	no drill holes
D	210,000	4125	Yes	1.33 / 12	no drill holes
E	100,000	1185	Yes	1.28 / 10	1.73 / 10

Since discovery, the majority of the work done at the Nucleus Zone has focussed on the same area which was tested by deep drilling in 2001, because soil in that area is less frozen and thus trenching was more effective. Work on the peripheral targets was less intensive. Four of the



- Mapped porphyry dykes
- Area of 2001 diamond drilling
- Vein targets
- Stockwork targets
- Individual targets discussed in text

ATAC RESOURCES LTD.

FIGURE 15

ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

EXPLORATION TARGETS

NUCLEUS ZONE



DRAWN/REVISED BY: TCB

PROJECT:

FILE: ATAC/ACAD01/NUC-TARGETS.DWG

DATE: DECEMBER, 2001

five targets have not received any drilling and the trench results are questionable because many of them were not deep enough.

The generally encouraging assays from the drill tested area coupled with the size and quality of the peripheral targets combine to make the Nucleus Zone an attractive exploration prospect. This zone is the most advanced of several zones on the Golden Revenue property and should continue to be the prime focus of future gold exploration. Additional drilling is certainly warranted.

REFERENCES

- Baird, J.G.
1968 Report on Induced Polarization Survey, Carmacks Area, Yukon; private report prepared for Yukon Revenue Mines Ltd.
- Baker, T., Lang, J.R. and Mortensen, J.K.
1998 Characteristics of Mineralization Associated with Intrusions of the Mid-Cretaceous Tombstone-Tungsten Magmatic Belt, Yukon; notes to accompany Short Course presented at the 1998 Yukon Geoscience Forum.
- Bakke, A., Morrell, B., Odden, J., Bergstrom, T. and Woodman, J.
2000 Kinross Gold USA's Activities in the Fairbanks Mining District, K2K in The Tintina Gold Belt: Concepts, Exploration and Discoveries, Special Volume 2, British Columbia and Yukon Chamber of Mines Cordilleran Roundup, January 2000.
- Becker, T.C. and Eaton, W.D.
1989 Nucleus Property, 1989 Final Report; private report prepared for assessment Purposes.

1991 Revenue-Nucleus Property 1991 Final Report; private report prepared for Big Creek Resources Ltd.
- Carlson, G.G.
1987 Geology of Mount Nansen (115I/3) and Stoddart Creek (115I/6) Map Areas, Dawson Range, Central Yukon; Indian and Northern Affairs Canada Open File 1987-2.
- Cathro, R.J. and Main, C.A.
1986 Report on Trenching Program and Geochemical Survey, Revenue Property; private report prepared for Nordac Mining Corporation.
- Clark, A.R.
1954 Geophysical Tests and Survey on the Property of the Revenue Copper Group.
- Davis, A.
1996 Magnetic Field and VLF-EM Surveys on the Revenue Creek Property, Dawson Range, Yukon Territory; private report prepared for YKR International Resources Ltd.
- Dunn, C.E.
1965 Final Report, Revenue Creek Project, Whitehorse Mining District; private report prepared for Meridian Syndicate (Homestake Mining Company, Noranda Exploration Company Limited, Canex Aerial Exploration Limited).

Eaton, W.D.

1984 Final Report, Nat Joint Venture, December 1984; private report.

Ebert, S., Miller, L., Petsel, S., Dodd, S. and Kowalczyk, P.

2000 Geology, Mineralization and Exploration at the Donlin Creek Project, Southwestern Alaska *in* The Tintina Gold Belt: Concepts, Exploration and Discoveries, Special Volume 2, British Columbia and Yukon Chamber of Mines Cordilleran Roundup, January 2000.

Granger, R.A.

1970 Internal Report on Electromagnetic Conductors on Revenue Creek Property.

Hart, C.J.R., Baker, T. and Burke, M.

2000 New Exploration Concepts for Country Rock-Hosted, Intrusion-Related Gold Systems: Tintina Gold Belt in Yukon *in* The Tintina Gold Belt: Concepts, Exploration and Discoveries, Special Volume 2, British Columbia and Yukon Chamber of Mines Cordilleran Roundup, January 2000.

Johnson, A.A.

1970 Kaiser Resources Ltd. Report on the Revenue Project 1970; private report prepared for Kaiser Resources Ltd.

Macdonald, G.

1985 Trenching Assessment Report on Revenue Creek Property; report submitted for assessment credit.

Main, C.A.

1988 Report on Diamond Drilling, Trenching Program and Geophysical Survey, Revenue Property, Revenue Creek, Yukon Territory for Big Creek Joint Venture (Big Creek Resources Ltd. and Rexford Minerals Ltd.).

1989 Report on the Source of Placer Gold, Revenue Creek, Yukon Territory; C.A. Main, February 1989.

Main, C.A. and Duke, J.L.

1988 Report on Trenching Program and Geophysical Survey, Revenue Property, Revenue Creek, Yukon Territory; private report prepared for Big Creek Joint Venture (Big Creek Resources Ltd. and Rexford Minerals Ltd.).

Mining Inspection Division

1998 Yukon Placer Industry 1995 to 1997; Mineral Resources Directorate, Yukon Territory, Indian and Northern Affairs Canada

Placer Mining Section

1985 Yukon Placer Industry 1983-1984; Mineral Resources Directorate, Yukon, Indian and Northern Affairs, compiled by R.L. Debicki.

- 1991 Yukon Placer Industry 1989-1990; Mineral Resources Directorate, Yukon, Indian and Northern Affairs, compiled by L.P. van Kalsbeek.
- Smith, M., Thompson, J.F.H., Moore, K.H., Bressler, J.R., Layer, P., Mortensen, J.K., Abe, I. and Takaoka, H.
- 2000 The Liese Zone, Pogo Property: A New High-Grade Gold Deposit in Alaska *in* The Tintina Gold Belt: Concepts, Exploration and Discoveries, Special Volume 2, British Columbia and Yukon Chamber of Mines Cordilleran Roundup, January 2000.
- Thompson, J.F.H., Sillitoe, R.H., Baker, T., Lang, J.R. and Mortensen, J.K.
- 1998 Intrusion-Related Gold Deposits Associated with Tungsten-Tin Provinces; Notes to accompany short course presented at 1998 Yukon Geoscience Forum.
- Wallis, J.H.
- 1984 Phase 1: Summary; letter dated May 1984 for Shakwak Exploration Company Limited.

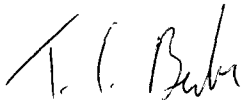
APPENDIX I

AUTHOR'S STATEMENT OF QUALIFICATIONS

STATEMENT OF QUALIFICATIONS

I, Thomas C. Becker, geologist, with business addresses in Vancouver, British Columbia and Whitehorse, Yukon Territory and residential address in Vancouver, British Columbia, do hereby certify that:

1. I graduated from the University of Alberta in 1989 with a B.Sc. (Honours) in Geological Sciences.
2. I am a member of the Association of Professional Engineers and Geoscientists of British Columbia in the Province of British Columbia (registration number 20021).
3. I have been actively involved in mineral exploration in the Northern Cordillera since 1984.
4. I have personally participated in or supervised the field work reported herein.



Thomas C. Becker, B.Sc., P.Geo.

APPENDIX II

GEOLOGICAL AND GEOTECHNICAL LOGS 2001 DIAMOND DRILL HOLES

DRILL HOLE LOG
GOLDEN REVENUE
ATAC RESOURCES LTD.

Hole: DNO1-01 Property: Golden Revenue
 Northing: 6,913,655 N Easting: 379,465 E
 Drilling Dates: June 5-7, 2001 Logged By: T.C. Becker
 Core Diameter: HQ Casing Depth: 4.57m

Elevation: -913 m
 Length: 127.71 m
 Casing: In (Out)

Page 1 of 4

Visual Log			From	To	Interval	Unit	Description	Sulphides								Alteration			From	To	Interval	Sample	Rec.	Rec.
Visual	Struc.	(m)	(m)	(m)	(m)			PY	CP	Cu	Mg	As	CY	Li	Ma	Qz	(m)	(m)	(m)	Number	(m)	%		
0.00			0.00	3.05	3.05	OVR	Overburden - no recovery																	
0.00		3.05																						
0.00		4.57																						
0.00		4.57	3.05	4.57	1.52	PPFX	Quartz-Feldspar Porphyry							S	S		3.05	4.57	1.52	M452251	0.88	58		
0.00		4.57					-strongly bleached + weathered, Feldspar → soft green clay, common Qz eyes and fragments of silicified wall rock fragments to 1cm in size. Lower contact is broken + brecciated with clay gouge from 4.27 to 4.57																	
0.00		8.35																						
0.00		8.35	4.57	8.35	3.78	PPFX	Quartz-Feldspar Porphyry							S	S		4.57	8.35	3.78	252	2.35	62		
0.00		8.35					wall rock is strongly altered metasediments with strong Quartz flooding. No strong structure but rock appears broken with bands of white Qz throughout from black sulphides disseminated in matrix. Limonite along all fractures. Feldspars → clay																	
0.00		8.35	8.35	9.14	0.79	PPFX	Quartz-feldspar Porphyry							S	S		8.35	9.14	0.79	253	0.75	95		
0.00		8.35					~50cm of unit is weakly flow banded quartz-feldspar (→clay) porphyry while upper 29cm are crackle breccia with 23cm angular porphyry fragments in a limonite coated vuggy and pitted brown matrix. Lower contact has 'flow' banded to silicified porphyry. -9.14 m 20cm QZUN in both samples																	
0.00		9.14	9.14	15.44	6.30	GNIS	Metasediments							S	S		9.14	12.29	3.15	254	2.38	75		
0.00		9.14					strongly weathered and altered, common < 2mm wide veinlets, from hairline to 2mm vuggy Qz, all w Li. At 12m is a 5cm wide porphyry dyke @ 5cm clay gouge below + broken/veined rock above. Foliation only weakly visible										12.29	15.44	3.15	255	2.90	92		
0.00		15.44	15.44	21.64	6.20	PPFX	Quartz-Feldspar Porphyry							S	S		15.44	18.54	3.10	256	2.48	80		
0.00		15.44					hard, weakly broken and veined, Li along all fractures but not in rock. Feldspar → clay, 13 veinlets / fractures per meter, most are strongly vuggy + pitted 1mm wide, 3mm max. Both contacts sharp										18.54	21.64	3.10	257	2.26	73		
0.00		21.64	21.64	22.80	1.16	GNIS	Metasediments							S	S		21.64	22.80	1.16	258	0.65	56		
0.00		21.64					med to dark brown, strong Li throughout, well foliated, soft and almost a sandstone texture due to strong weathering, minor fractures and veinlets, all < 1mm wide																	
0.00		22.80	22.80	33.75	10.95																			
0.00		33.75	33.75	34.47	0.72																			
0.00		34.47	34.47	35	0.53																			

S = Strong M = moderate W = weak Li = limonite Qz = Quartz
 T = trace

PY = pyrite CP = chalcopyrite Cu = copper oxides
 Mg = magnetite CY = clay Li = Limonite Ma = malachite

Visual Log	Visual	Struc.	From (m)	To (m)	Interval (m)	Unit	Description	Alteration	Sulphides	From (m)	To (m)	Interval (m)	Sample Number	Rec. (m)	Rec. %
3510	55°		22.80	29.68	6.88	GRAN	Microgranite		PV CP Co Mg As CV Li Mo Qt	22.80	26.24	3.44	M452259	2.36	69
	30°						-light brown to slightly red, hematite staining. Fine grained with feldspar phenocrysts but no quartz phenocrysts strongly weathered but still moderately hard, Li throughout		S S	26.24	29.68	3.44	260	2.47	72
40															
4255	20°		29.68	30.70	1.02	QZMZ	Quartz Monzonite		T T	29.68	30.70	1.02	261	0.89	87
4361							light brown, med. grained, feldspar med-weakly weathered, common veins up to 5 mm wide, mainly 40° to 60° axis, some with black sulphides, all with Li and cavities.								
45															
50	Fol 30°		30.70	33.75	3.05	G-NIS	Metasediment		T T	30.70	33.75	3.05	262	2.78	91
	45°						light brown to light grey, weakly weathered, hard, Li only along veins except near contact where more common in rock, fractures/veinlets cut foliation at a steep angle in opposite direction. Foliation 30° to 60° axis. Veins ~40° in opposite direction								
55			33.75	34.47	0.72	PPFX	Quartz-feldspar porphyry			33.75	35.10	1.35	263	1.35	100
							appears to be a 15cm fragment of granodiorite within the dyke and possibly a couple stages of dykes. fairly common Qz-eyes, very common feldspar in a crystalline matrix								
60	Fol 40°		34.47	35.10	0.63	G-NIS	Metasediment								
	60°						light brown, well foliated, med-strongly weathered with Li along all fractures + into rock and only minor grey bands remaining. Most fractures have wgs. pits, cavities and are <2mm wide								
65	Fol 45°		35.10	42.60	7.50	GRAN	Microgranite			35.10	37.60	2.50	264	2.12	85
	45°						very light brown, bleached, strongly weathered, feldspar phenocrysts → yellow clay 41m a 1-2cm quartz vein at 20° to 60° axis, no sulphides. weakly veined ~7/m. avg 1mm wide			37.60	40.10	2.50	265	2.15	86
6575										40.10	42.60	2.50	266	2.02	81
6828			42.60	43.69	1.09	QZMZ	Quartz Monzonite		S S	42.60	43.69	1.09	267	0.95	87
70							strongly weathered, strong Li throughout rock, strong clay alteration partly soft and crumbly, in part broken and brecciated, lower contact is sharp and conformable, upper contact broken, medium grained with weak veins and fractures.								

Visual Log	Visual	Struc.	(m)	From		Interval	Unit	Description	Sulphides							Alteration		From	To	Interval	Sample Number	Rec. (m)	Rec. %
				(m)	(m)				Pb	KP	Cu	Mg	As	Co	Ni	Mo	Oz						
				43.69	48.82	21.31	GNIS	BI-QZ-FX Gneiss									43.69	46.94	3.25	M452268	2.68	82	
								weakly weathered to 46.5m then only Li along some fractures and rock is grey, hard, easily visible foliation and banding ~14 fractures/veinlets per meter, averages <1mm wide. Pyrite occurs along most veinlets and									46.94	49.99	3.05		2.85	93	
								less commonly Chalcopyrite, vein + foliation dip in opposite directions, not altered									49.99	52.20	2.21		2.18	99	
75				48.82	53.04		GNIS	BI-QZ-FX Gneiss									52.20	53.04	0.84		0.78	93	
								Increased number of quartz veinlets centered around a 5-10cm chilled dyke grading into a quartz vein, which is cut by more narrow									53.04	54.20	1.16		1.16	100	
								QZ veinlets same as chalcopyrite (common fly spec black sulphides									54.20	56.08	1.88		1.65	88	
80								- rock has propylitic alteration, chlorite and swelling clays									56.08	59.13	3.05		2.83	93	
								53.04 65.00 GNIS BI-QZ-FX Gneiss									59.13	62.18	3.05		2.95	97	
								- hard, fresh, moderately veined/fractured, trace Li on fractures, minor black copper minerals coating chalcopyrite, rock has a brownish/pink color, secondary pyrite is rock look cooked, alteration does grade from weak to intense secondary black									62.18	65.00	2.82		2.64	94	
85								65.00 65.75 0.75 QZM2 Quartz monzonite									65.00	65.75	0.75		0.75	100	
								hard, very weakly altered, medium grained, mainly plagioclase feldspars, minor mafics, ~3% disseminated sulphides, numerous <1mm wide sulphide veinlets at various orientations sulphidization of mafics is mafic															
90								65.75 68.28 2.53 GNIS Metasediments / Quartz Monzonite									65.75	68.28	2.53		2.30	91	
								- mixed unit of 80% metasediments, 15% quartz monzonite and 5% quartz vein/sulphides. Metasediments are bleached + altered with veinlets and random patches of pyrite + chalcopyrite (chalcopyrite usually with pyrite). Pyrites up to 1.5cm in size, ~4% of unit is sulphides. K-spar altered															
95								68.28 96.65 28.37 PPFX Quartz-feldspar porphyry									68.28	70.87	2.59		2.35	91	
96.65								hard, very weakly altered and weathered. Feldspars are slightly soft, Li along most fractures 2.5 fractures/veinlets per meter, most are hairline, up to 5mm wide. Most veinlets have sulphides 1-2% of rock is disseminated									70.87	72.39	1.52		1.47	97	
								pyrite patches to fly spec secondary sulphides.									72.39	75.59	3.20		3.09	97	
100																	75.59	78.33	2.74		2.73	100	
																	78.33	81.38	3.05		3.05	100	
101.4																	81.38	83.51	2.13		1.91	90	
								- 10% of unit QZ eyes to 2mm in size, ~4% of unit is feldspar									83.51	86.26	2.75		2.46	89	
								phenocrysts > 4mm in diameter, most feldspar ~1mm in size									86.26	89.31	3.05		3.05	100	
																	89.31	92.35	3.04		2.75	90	
105																	92.35	95.10	2.75		2.38	87	

Hole: DN01-01 Property: Golden Revenue

[illegible]

Page 1 of 3

Date: June 6-7, 2001

Logger: T.C. Becker,

Hole: DYC1-01

[illegible]

Page 2 of 3

Date: June 7, 2001

Logger: T.C. Becker

Hole: DN01-01

[illegible]

**GEOTECHNICAL LOG
GOLDEN REVENUE PROPERTY
ATAC RESOURCES LTD.**

Hole: DN61-01

Logger: T.C. Becker

Date: June 7 + 8, 2001

Page 3 of 3

[illegible]

Py = pyrite Cp = chalcopyrite Cu = block copper minerals As = arsenopyrite
 Cx = clay Li = limonite Ma = malachite

[illegible]

DRILL HOLE LOG
GOLDEN REVENUE
ATAC RESOURCES LTD.

Hole: DN01-02 Property: Golden Revenue

Visual Log	Visual	Struc.	(m)	From (m)	To (m)	Interval (m)	Unit	Description	Sulphides										Alteration			From (m)	To (m)	Interval (m)	Sample Number	Rec. (m)	Rec. %																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
									Py	Cp	Cu	Mg	As	Cx	Li	Mo	Oz	Py	Cp	Cu	Mg							As	Cx	Li	Mo	Oz																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
		Fol	30°	58.61	61.35	2.74	GNIS Metasediments	light brown, bleached appearance, foliation visible, feldspar + mafics → clay. Top part of interval is leached while bottom part has black copper oxide disseminated throughout possibly after disseminated pyrite, pyrite and black copper minerals along most veinlets.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												</

**DRILL HOLE LOG
GOLDEN REVENUE
ATAC RESOURCES LTD.**

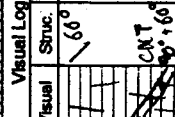
Hole: DNO1-02 Property: Golden Revenue

Page 4 of 7

Visual Log		From	To	Interval	Unit	Description	Sulphides								Alteration				From	To	Interval	Sample Number	Rec. (m)	Rec. %
Visual	Struc.	(m)	(m)	(m)			PY	CP	Cu	Mg	As	CY	Li	Ma	Gz	(m)	(m)	(m)						
	40°															97.23	100.28	3.05	M452341	298	98			
Fol	60°					lower contact is gradational from 100.28-102.00, increasing Qz veinlets and increasing bleached color										100.28	102.00	1.72	342	1.61	94			
	35°																							
	110																							
	15°	102.00	104.70	2.70	GNIS	Metasediments + QZMZ Dyke	M	T								102.00	104.70	2.70	343	2.75	100			
		very light grey to light tan, hard, bleached, Fx + matrics → sericite, strongly veined (+50/m), most <1mm with fine grained sulphides, mainly pyrite one vein to 1cm wide, foliation weakly visible, appears overprinted by quartz																						
		flooding one fine grained almost porphyritic dyke in QZ/PY veins cross cutting.																						
	115	104.70	115.34	10.64	GNIS	Metasediments + QZMZ Dyke										104.70	107.36	2.66	344	2.66	100			
	11534					medium to dark grey, hard, well foliated, weakly veined (10/m), pyrite both										107.36	110.02	2.66	345	2.62	98			
CNT	10°	11820				along veinlets and as random patches possibly after matrics, very minor veinlets to 1cm with pyrite + quartz but weak alteration envelopes gradational lower										110.02	112.68	2.66	346	2.66	100			
	25°	120				contact into bleached and altered rock with more quartz veinlets 112.68 Bi altered										112.68	115.34	2.66	347	2.66	100			
	50°					115.34 118.20 2.86 GNIS Metasediments										115.34	118.20	2.86	348	2.86	100			
	30°					light grey, hard, bleached, all fx + matrics → sericite / quartz, strongly quartz veined (+50/m) most <1mm wide discontinuous with fine black sulphides, foliation just visible due to alteration overprint. Very siliceous																		
	60°					rock almost looks like a quartzite, clay overprints Bi alteration																		
	125	12633	118.20	126.33	8.13	PPFX Milled Quartz-feldspar porphyry	S	W	W							118.20	120.91	2.71	349	2.73	100			
						light grey, hard, 119.02-121.0 m medium grained, QZMZ appearance with brecciated										120.91	123.62	2.71	350	2.68	99			
Fol	25°	12900				contact could be a large fragment. Part of the porphyry appear brecciated (milled) is a porphyry matrix, all in QZ veinlets, 10cm breccia zone at 122.15m where porphyry fragments are cemented in a black (sulphide rich) matrix, upper contact										123.62	126.33	2.71	351	2.68	99			
	130°	130																						
	135°					is a series of veins / shear bands with clay, Lower contact see below.																		
	60°					Fine disseminated sulphides present throughout the unit, look like pyrite replaced by copper oxides, some veinlets with good arsenopyrite and chalcopryite, avg 2mm widest 1cm.																		
Fol	135																							
	15°		126.33	126.98	0.65	FTZN Fault Zone										126.33	126.98	0.65	352	3.65	100			
			light brown to medium grey due to smeared sulphides, soft, crumbly, brecciated, gradational contacts																					
	150°																							
	140																							

Visual Log	Visual	Struc.	(m)	Interval (m)	To (m)	From (m)	Description	Sulphides										Alteration	Interval (m)	Sample Number	Rec. (m)	Rec. %
								Py	Ch	Cu	Mg	As	Cy	Li	Mo	Gr	S					
			140.20	126.98	129.00	2.02	GNIS Metasediments										126.98	129.00	2.02	100		
				medium brown soft clay altered, well foliated, gradational contacts at 127.50. 128.65 - 129.00 soft clay altered interval centered on a 3cm breccia / shear zone gradational contacts.																		
		Fol	144.58	129.00	130.76	1.76	SKRN Skarn minor epidote along veins															
		25°	145	130.76	140.20	9.44	SKRN Skarn / metasediments										129.00	130.76	1.76	100		
			147.00	dark grey to slightly greenish, hard moderately veined (18/m)																		
		Fol	150	600 mm wide pyrite veinlets with 1-5mm wide alteration envelopes																		
		30°		pyrite Py-QZ - Cy veins up to 1cm wide, common fine disseminated pyrite																		
		65°	150	134.3 - 134.7 m QZM2 dyke, intrusive contacts, chilled margins (poorly foliated)																		
		15°	150	140.20	144.59	4.39	GNIS										139.90	142.95	3.05	100		
		55°	15200	Contact marked by a 10cm zone of soft clay rubble, remainder of interval is reddish grey color, hard, well foliated to metamorphic quartz bands, weak to moderately veined. Bi altered																		
		40°	15422																			
		25°	155	144.32 - 144.49 QZM2 dyke with sharp contacts welded to wall rock																		
		15514	154.59	147.02	2.43	QZM2 Quartz monzonite + metasediments	M	T									144.59	147.02	2.43	97		
		55°		light greenish grey color, hard bleached, 50% of interval is fine to medium grained intrusive rock with sharp, irregular, welded contacts - 50% of interval is bleached, altered metasediments, foliation still visible. Entire interval is strongly veined with numerous < 1mm irregular veinlets usually																		
		Fol	160																			
		35°	16172	with pyrite or fine black sulphides. Commonly metasediments are as fragments in intrusive matrix. All mafics in the GNIS -> sericite, rock is hard and siliceous.																		
		50°	16203																			
		50°	16350																			
			165																			
			165	147.02	152.09	5.07	SKRN Skarn / metasediments										147.02	149.05	2.03	100		
				light to medium grey slightly greenish, hard, fresh, well foliated, weakly veined, minor disseminated patches of pyrite, ore 35cm skarnish band. Lower contact is gradational																		
		140°	16800																			
		Fol	170																			
		50°	17114	152.09	154.27	2.18	SKRN Skarn / metasediments										152.09	154.27	2.18	100		
		35°		dark grey to slightly greenish, appears to be skarnified ~3% of interval is fine disseminated to patches of pyrite, weakly veined (5/m), weak disseminated magnetite mixed with pyrite																		
		+	173.45																			
		+	175																			

Hole: DN01-02 **Property:** Golden Revenue

Visual Log		From (m)	To (m)	Interval (m)	Unit	Description	Sulphides					Alteration					From (m)	To (m)	Interval (m)	Sample Number	Rec. (m)	Rec. %
Visual	Struc. (m)						Px	CP	Cu	Mg	As	Cyl	Li	Na	Al							
	60°	154.27	155.14	0.87	SKRN	Skarn										154.27	155.14	0.87	M452364	0.87	100	
	3.5 cm wide interval with 85% pyrite 10% quartz 5% carbonates, SP, AS, FX strong alteration enveloped on each side with disseminated and patches of pyrite, 1mm wide veinlet/dyke cuts vein and is not mineralized																					
			155.14	161.72	6.58	GNIS	BI-QZ-FX Gneiss										155.14	156.27	1.13	365	1.13	100
medium grey, hard, weakly weathered + altered, moderately veined (~20/m), mainly <1mm with pyrite, occasional 1cm wide quartz vein with pyrite rim. Appears skarnified for ~20cm then back into normal metasediments																						
		161.72	162.83	1.11	GNIS	BI-QZ-FX Gneiss										161.72	162.83	1.11	368	1.07	96	
light grey to tan, moderately hard, bleached, strongly veined (~50/m), mainly <1mm wide discontinuous with fine black sulphides or pyrite foliation visible but due to bleaching is difficult to see.																						
		162.83	163.50	0.67	VNZN	Vein Zone										162.83	163.50	0.67	369	0.63	94	
light tan to black, hard, 12cm breccia band with <1cm angular fragments of metasediments in a matrix of fine black sulphides, pyrite, chalcopyrite, Rest of interval is strongly veined + bleached metasediments and a 2 cm QZ-PY-CP vein - or skarn band with much																						
		163.50	168.60	5.10	GNIS	BI-QZ-FX Gneiss										163.50	164.83	1.33	370	1.28	96	
light grey to tan hard, bleached and strongly veined to ~167.33, then decreasing veins and bleaching, 168.41 - 168.60 m light brown clay band, gouge zone																						
		168.60	171.14	2.54	GNIS	BI-QZ-FX Gneiss										168.60	171.14	2.54	373	2.58	100	
light grey colored, hard, fresh weakly veined - biotite altered, bronze color to rock																						
		171.14	173.45	2.31	QZMZ	Quartz Monzonite										171.14	173.45	2.31	374	2.31	100	
-hard, fresh, no alteration sharp contacts weakly veined, narrow quartz veins with fine black sulphides.																						

**DRILL HOLE LOG
GOLDEN REVENUE
ATAC RESOURCES LTD.**

Hole: DN01-02 Property: Golden Revenue

Page 7 of 7

[illegible]

**GEOTECHNICAL LOG
GOLDEN REVENUE PROPERTY
ATAC RESOURCES LTD.**

Hole: DNO1-02 Logger: T.C. Becker Date: June 8 + 9/01

Page 1 of 3

[illegible]

**GEOTECHNICAL LOG
GOLDEN REVENUE PROPERTY
ATAC RESOURCES LTD.**

Hole: DNO1-02

Logger: T.C. Becker,

Date: June 9 2001

Page 2 of 3

[illegible]

**GEOTECHNICAL LOG
GOLDEN REVENUE PROPERTY
ATAC RESOURCES LTD.**

Hole: DN01-02 Logger: T.C. Becker Date: June 10-11/01

Page 3 of 3

[illegible]

**DRILL HOLE LOG
GOLDEN REVENUE
ATAC RESOURCES LTD.**

Hole: DN01-03 Property: Golden Revenue

Page 2 of 7

[illegible]

DRILL HOLE LOG
GOLDEN REVENUE
ATAC RESOURCES LTD.

[illegible]

DRILL HOLE LOG
GOLDEN REVENUE
ATAC RESOURCES LTD.

[illegible]

Visual Log		From (m)	To (m)	Interval (m)	Unit	Description	Suphides										Alteration		Sample Number	Rec. (m)	Rec. %
Visual	Struc.						PY	CP	Ca	Mg	As	Cu	Li	Na	K						
110°	+	13330	13645	315	GNIS	Metasediments															
120°	+	from to light brown strongly veined (+30m) most <1mm wide with																			
130°	+	fine grained sulphides. PY > CP ≈ AS and limonite. Minor sulphides																			
140°	+	disseminated in bleached and altered metasediments, gradational lower																			
145		contacts																			
150		13645	13809	164	VNZN	Vein Zone															
	Fol	light brown 2 quartz veins, 1-3 cm wide with mgs, pyrite, CP, AS																			
155		and fine block sulphides mixed with vein quartz. Rest of interval is																			
		broken/brecciated and quartz flooded metasediments with porous Qz																			
160		13809	16106	2297	GNIS	Metasediments															
		light grey with some bleached bands, hard, well foliated, well veined (150m)																			
		most ± 1mm with fine grained PY + AS and trace CP, most veins have																			
165		3-7mm alteration envelopes of silica flooded metasediments																			
		~154m bands 1-2cm wide that appear to be narrow granodiorite dykes																			
170		or could be, be granitized metasediments is heated to point of melting,																			
		contacts are irregular and wall rock is cracked/silicified metasediments.																			
		- arsenopyrite is common in quartz veinlets and is fine grained. Most																			
175		veinlets have more sulphides than quartz																			
		16106	16255	149	QZMZ	Quartz Monzonite															
180		light tan hard medium grained sharp upper + lower contacts with bleached/																			
		altered metasediments. Minor fragments of metasediments up to 15cm in size.																			
185		Common narrow quartz veinlets and disseminated sulphides																			
190		16255	16411	156	VNZN	Vein Zone															
195		light grey to tan color, mixed zone of metasediment and intrusive																			
200		fragments in an intrusive / quartz matrix which has common quartz																			
205		veinlets (+20m) most veinlets have PY >> CP ≈ AS, common pyrite dis. in																			
210		rock																			
215		16411	16795	384	QZMZ	Quartz Monzonite															
220		very light tan, gradational contacts and grades within interval from medium																			
225		grained intrusive to chilled almost microgranite, common quartz veinlets																			
230		(+20m), most veinlets or 3-7mm quartz flooded alteration envelopes.																			
235		Sulphides common along veinlets and as disseminations																			

**DRILL HOLE LOG
GOLDEN REVENUE
ATAC RESOURCES LTD.**

Hole: DN01-03 Property: Golden Revenue

Page 6 of 7

Visual Log		From	To	Interval	Unit	Description	Sulphides						Alteration		From	To	Interval	Sample	Rec.	Rec.	
Visual	Struc.	(m)	(m)	(m)			PY	CP	Cu	Mg	As	CY	Li	Ma	QZ	(m)	(m)	(m)	Number	(m)	%
%	30°	167.95	173.43	5.48	VMZM	Vein Zone	W	T	T			T	T		M	167.95	170.38	2.43	M452446	232	95
%	35°	light grey, mixed zone with clasts of metasediments, intrusives in a																			
%	20°	matrix of crushed / broken fragments and quartz. Common quartz flooding near																			
%	179.53	quartz veinlets and into rock fragments. Common narrow (<1mm) quartz																			
%	180°	veinlets usually with pyrite / fine grained sulphides.																			
+ / +	45°																				
+ / +	10°																				
+ / +	15°	17060 - 4cm wide sulphide quartz vein ~80% pyrite, 15% quartz, trace																			
+ / +	35°	arsenopyrite, chalcopyrite (70° angle to C.A.)																			
+ / +	40°																				
+ / +	85°																				
Fe	25°	173.43	182.39	8.96	GRAN	Microgranite	W	T				T	T			173.43	176.48	3.05	449	299	98
+ / +	30°	light grey to tan, fine grained matrix of intergrown quartz and feldspar																			
	50°	with ~3% feldspar phenocrysts, avg 1mm in size, very minor Qz phenocrysts.																			
	182.42	very common <1mm white quartz veinlets with no sulphides and random																			
	18a67	orientation.																			
		from 179.53 to 182.58m the microgranite contains clasts of microgranite																			
		and quartz monzonite. Sharp contact at 182.39m with chilled																			
		microgranite																			
		182.39	184.45	2.06	QZMZ	Quartz Monzonite	W					T			T	182.39	184.45	2.06	452	210	100
		light grey and white, medium grained, some feldspar → clay, most																			
		matrices → pyrite or clay, minor quartz veinlets / fractures (6/m). Where close																			
		together wall rock is quartz flooded and hard, most veinlets are 1mm																			
		wide w fine grained sulphides																			
		184.45	185.82	1.37	GNIS	Metasediments	M	T				T	W		T	184.45	185.82	1.37	453	130	95
		pale grey to pale tan, well foliated, bleached / altered with all mafics																			
		and most feldspars → clay. Strongly veined (+40/m) mostly <1mm																			
		irregular discontinuous veinlets. toward lower contact is a 2cm Qz -																			
		sulphide veinlets with weak quartz flooding envelope																			
		upper contact is an intrusive contact while lower contact is marked																			
		by a 2cm Qz vein and strong sulphides disseminated in wall rock																			

**DRILL HOLE LOG
GOLDEN REVENUE
ATAC RESOURCES LTD.**

Hole: DN01-03 Property: Golden Revenue

Page 7 of 7

[illegible]

GEOTECHNICAL LOG
GOLDEN REVENUE PROPERTY
ATAC RESOURCES LTD.

Hole: DN01-03 Logger: T.C. Becker Date: June 12/01 Page 1 of 3

Page 1 of 3

[illegible]

**GEOTECHNICAL LOG
GOLDEN REVENUE PROPERTY
ATAC RESOURCES LTD.**

Hole: DN01-03 Logger: T.C. Becker Date: June 14-16/01

Page 3 of 3

[illegible]

DRILL HOLE LOG
GOLDEN REVENUE
ATAC RESOURCES LTD.

Hole: DN01-04 Property: Golden Revenue
Northing: _____ Easting: _____
Drilling Dates: June 12-16 2001 Logged By: T.C. Becker
Core Diameter: HQ Casing Depth: 762m

Elevation: _____
Length: 249.63
Casing: In/Out

Page 9 of 9

Depth	Color	EOH			
Dip	-50°	-46°			
Azimuth	270°				

Visual Log			From	To	Interval	Unit	Description	Sulphides							Alteration			From	To	Interval	Sample	Rec.	Rec.
Visual	Struc.	(m)	(m)	(m)	(m)			PY	CP	Cu	Mg	As	CY	Li	Mo	QZ	(m)	(m)	(m)	Number	(m)	%	
0.00		3.05	0.00	3.05	3.05	OVBR	Overburden																
140°		5																					
130°		5																					
60°		5	3.05	20.55	17.50	GRAN	Microgranite										3.05	5.18	2.13	M452456	162	76	
150°		10					light grey, strong limonite along all fractures. The rock is a fine grained mixture of quartz + feldspar intergrown in a myrmekitic texture. Weakly quartz veined/fractures (~16/m) most are <1mm wide with minor vugs/pits, weak alteration envelopes up to 7mm wide and common										5.18	7.31	2.13	457	1.76	83	
145°		10															7.31	10.06	2.75	458	261	95	
160°		15															10.06	12.80	2.74	459	252	92	
160°		15															12.80	15.54	2.74	460	220	80	
150°		15															15.54	18.29	2.75	461	235	85	
150°		15					limonite. 6.15m is a 2cm wide vein zone @ 60° to CA with minor vugs/pits 14.35-16.10 5cm wide light blueish-green quartz vein with quartz flooding on either side almost parallel to core axis.										18.29	20.55	2.26	462	1.60	71	
150°		15																					
150°		15	20.55	21.32	0.77	QZMZ	Quartz Monzonite										20.55	21.32	0.77	463	0.65	84	
150°		15					medium to dark grey, hard, weakly weathered and altered, mafics and most feldspars fresh, weakly veined, sharp contacts. Lower contact @ 65° to core axis.																
150°		15																					
150°		15	21.32	21.87	0.55	GRAN	Microgranite										21.32	21.87	0.55	464	0.40	76	
150°		15					light grey, hard, weakly weathered and altered. Fx fresh to slightly clayish. weakly veined, chilled microgranite at margins																
150°		15																					
150°		15	21.87	46.63	24.76	GNIS	QZ-BI-FX Gneiss										21.87	24.69	2.82	465	2.26	80	
150°		15					medium grey, hard, well foliated, weakly veined and fractured (~8/m) most fractures with limonite, Qz veinlets almost all <1mm wide, with limonite, vugs, cavities, rock looks fresh except for weathering overprint										24.69	28.04	3.35	466	3.20	96	
150°		15															28.04	31.39	3.35	467	3.22	96	
150°		15															31.39	34.59	3.20	468	2.87	90	
150°		15															34.59	37.79	3.20	469	2.89	90	
150°		15															37.79	40.84	3.05	470	2.72	89	
150°		15					- high quartz content, quartz augens up to 1cm x 1.5cm, no quartzite bands but 750% quartz mixed with mafics										40.84	43.89	3.05	471	2.58	84	
150°		15															43.89	46.63	2.74	472	2.80	100	

T= Trace W= Weak M= Moderate
S= Strong I= Intense

PY= Pyrite CP= Chalcopyrite Cu= Chalcocite mineral Mg= magnetite
As= Arsenopyrite CY= clay Li= limonite Mo= Molybdenite Qz= Quartz

Logged June 16-21 2001

Hole: DN01-04 Property: Golden Revenue

[illegible]

Hole: DN01-04 Property: Golden Runnive

[illegible]

[illegible]

Hole: DNO1-04 **Property:** Golden Revenue

[illegible]

Visual Log	From (m)	To (m)	Interval (m)	Unit	Description	Sulphides	Alteration	From (m)	To (m)	Interval (m)	Sample Number	Rec. (m)	Rec. %
Visual	Struc.	(m)	(m)	(m)		Pt CP Cu Mg Pb S Cy L Ma Qz		(m)	(m)	(m)			
125°	///	140.36	141.00	0.64	GRAN	Microgranite	T T T						
40°	///					white to light grey, hard fine grained mixture of Qz + Fx with feldspar and matrix phenocrysts, 5cm chilled margins.							
45°	///												
55°	///												
Fol	///	141.00	166.20	25.20	GNIS	BT-QZ-FX, Gneiss		142.95	145.39	2.44	M452563	2.38	97
25°	///					medium to dark grey, hard except for occasional bands of soft swelling clays.		145.39	148.44	3.05	564	3.12	100
30°	///					well foliated, weakly ~~veined~~ (26/m) most < 1mm wide with fine grained		148.44	151.64	3.20	565	3.10	97
125°	///					schistosity		151.64	154.69	3.05	566	3.05	100
185°	///					143.68 - 143.98 m, 144.52 - 144.55 m, 145.77 - 145.81 m, 146.06 - 146.25		154.69	158.19	3.50	567	3.16	90
35°	///							158.19	161.70	3.51	568	3.51	100
30°	///					149.98 - 150.03 m, 155.55 - 155.70 m, 156.25 - 156.38 m microgranite dykes, irregular		161.70	163.95	2.25	569	2.15	95
25°	///					intrusive contacts for most dykes, typical microgranite		163.95	166.20	2.25	570	2.07	92
35°	///												
185°	///												
190°	///												
45°	///	166.20	174.81	8.61	QZMZ	Quartz Monzonite + metasediment	W T	166.20	169.07	2.87	571	2.87	100
30°	///					mixed unit of 80% medium grained quartz monzonite with clasts of		169.07	171.94	2.87	572	3.00	100
30°	///					weakly veined and altered metasediments, ~20 veinlets / m, up to		171.94	174.81	2.87	573	2.87	100
30°	///					3 mm wide quartz veinlets commonly with pyrite >> (P ≈ As, common							
60°	///					1mm irregular veinlets at various orientations and locally pinch out.							
70°	///					veinlets cross-cut all rock types, minor fine grained disseminated							
30°	///					sulphides.							
185°	///												
205°	///	174.81	184.65	9.84	SKRN	Skarnified Metasediments	W T	174.81	177.27	2.46	574	2.53	100
45°	///					dark grey to black hard, the rock looks cooked, no carbonate or magnetite		177.27	179.73	2.46	575	2.56	100
40°	///					but slight red or green tinge, more white metamorphic quartz than usual		179.73	182.19	2.46	576	2.43	99
135°	///					and it occurs as 'augen' to wavy patches, well foliated but not to		182.19	184.65	2.46	577	2.36	96
205°	///					the usual black mica foliation. Common fine grained disseminated pyrite							
370°	///												
Fol	///					130 fractures/veinlets per meter, most are < 1mm wide with light brown							
40°	///					hard granite							
55°	///					Gradational contact with stronger silicification down hole.							
210°	///					Lower contact sharp							

**DRILL HOLE LOG
GOLDEN REVENUE
ATAC RESOURCES LTD.**

Hole: DNO1-04 Property: Golden Revenue

Page 7 of 9

Visual Log			From	To	Interval	Unit	Description	Sulphides								Alteration				From	To	Interval	Sample Number	Rec. (m)	Rec. %
Visual	Struc.	(m)	(m)	(m)	(m)			PY	CP	Ku	Mg	As	CY	Li	Mn	Bz		(m)	(m)	(m)					
	Fol		184.65	185.26	0.61	VNZN	Vein Zone	S	W			T				M		184.65	185.20	0.61	M452578	0.61	100		
	35°		15 cm quartz-pyrite vein in sharp contact with skarnified metasediments at upper contact, gradational lower contact. Vein consists of 40% fine grained matrix and disseminated pyrite in a quartz and crushed rock matrix. Below vein is a zone of broken/brecciated skarnified metasediments in a matrix of quartz-crushed rock and minor sulphides. Quartz flooding/alteration of clasts of clasts is common.																						
	40°																								
	55°																								
	50°	215																							
			- no veinlets cross cutting the structure.																						
	35°																								
	Fol		185.26	186.65	1.39	VNZN	Vein Zone	M	W			T				M		185.26	186.65	1.39	579	1.35	97		
	25°		mixed zone, 185.26-185.65 broken/brecciated skarnified metasediments in quartz matrix and sulphides. 185.65-185.75 m quartz vein with fine grained sulphides and "blue" quartz. strong veinlets at 35° to C.A. and quartz flooding on either side. Strong slickensides at lower contact. slickensides at 90° to dip direction of vein. 185.75-186.65 m appears to be a mixture of metasediment clasts, quartz vein material and 10cm + 5cm wide fine grained dyke.																						
	35°																								
		230																							
			- no veinlets cross cutting the structure.																						
			186.65	188.52	1.87	SKRN	Skarnified Metasediments	W	T			T				T		186.65	188.52	1.87	580	1.83	98		
			dark grey to black with red/green tinges, hard, appears cooked, difficult to see foliation. Weakly veined (~10/m) 1mm wide with 3-7 mm wide quartz flooded alteration envelopes. lower contact has increased quartz veining, brecciation and alteration.																						
	Fol		188.52	189.37	0.85	VNZN	Vein Zone	W	T			T				M		188.52	189.37	0.85	581	0.84	99		
	35°		mixed unit in broken/gradational contacts. 15 cm shear/vein zone at 35° to CA at top of interval, contains fine grained black sulphides. Bottom of interval consists of broken/brecciated porphyry, quartz vein, metasediment fragments in a matrix of quartz and crushed rock.																						
	52°																								
	Fol		189.37	190.60	1.23	PPFX	Quartz-feldspar Porphyry	T	T							T		189.37	190.60	1.23	582	1.14	93		
	35°		medium grey, hard, fine grained grey matrix with 10% slightly soft feldspar phenocrysts and 1% quartz eyes to 3mm in size.																						
	65°																								
		245																							

Hole: DNO1-64 Property: Golden Renss

[illegible]

**DRILL HOLE LOG
GOLDEN REVENUE
ATAC RESOURCES LTD.**

Hole: DNOI-04 Property: Golden Revenue

Page 9 of 9

[illegible]

GEOTECHNICAL LOG

GOLDEN REVENUE PROPERTY**ATAC RESOURCES LTD.**

Hole: DNO1-04

Logger: T.C. Becker

Date: June 16, 2001

Page 1 of 5

[illegible]

ATAC RESOURCES LTD.

Hole: DNo1-04

Logger: T.C. Becker,

Date: June 17/01

Page 2 of 5

[illegible]

Page 3 of 5

Hole: D No 1-04 Logger: T.C. Becker Date: June 18-19/01

[illegible]

**GEOTECHNICAL LOG
GOLDEN REVENUE PROPERTY
ATAC RESOURCES LTD.**

Hole: DNO1-04

Logger: T.C. Becker

Date: June 19-21/01

Page 4 of 5

From (m)	To (m)	Length (m)	REC	REC%	ROD	RQD%	BRKG	HARD	WTHR	XJINT	XJ/M	BJNT	BJ/M	SHAPE	RGH	Remarks
148.44	151.64	3.20	3.09	96	2.61	81										
151.64	154.69	3.05	2.95	97	1.79	59										
154.69	157.28	2.59	2.37	91	1.34	52										
157.28	158.19	0.91	0.67	74	0.52	57										
158.19	160.63	2.44	2.53	100	1.01	41										
160.63	161.70	1.07	0.97	91	0.22	21										
161.70	162.31	0.61	0.55	90	0	/										
162.31	164.29	1.98	1.86	94	1.44	73										
164.29	167.33	3.04	2.68	88	1.19	39										
167.33	168.71	1.38	1.56	100	1.44	100										
168.71	170.38	1.67	1.68	100	0.51	30										
170.38	172.67	2.29	2.27	99	1.02	44										
172.67	175.72	3.05	3.05	100	2.15	70										
175.72	178.92	3.20	3.12	97	1.77	55										
178.92	181.05	2.13	2.15	100	0.65	30										
181.05	182.57	1.52	1.44	95	1.30	86										
182.57	185.62	3.05	2.87	94	2.23	73										
185.62	188.52	2.90	2.77	95	0.38	13										
188.52	191.11	2.59	2.33	90	0.36	14										
191.11	192.94	1.83	1.74	95	1.01	55										
192.94	194.77	1.83	1.93	100	0.73	40										
194.77	196.90	2.13	2.18	100	0.27	13										
196.90	199.95	3.05	2.98	98	0.99	32										
199.95	201.78	1.83	1.78	97	0	/										
201.78	204.83	3.05	2.82	92	0	/										
204.83	206.96	2.13	2.13	100	0.52	24										
206.96	210.01	3.05	3.07	100	2.10	59										
210.01	213.05	3.04	2.92	96	1.92	63										
213.05	216.10	3.05	2.92	97	2.83	93										
216.10	219.15	3.05	3.12	100	2.76	90										
219.15	222.20	3.05	2.85	93	2.11	69										
222.20	225.25	3.05	2.86	94	2.59	85										
225.25	227.99	2.74	3.05	100	2.43	89										
227.99	231.04	3.05	3.10	100	2.51	82										
231.04	234.09	3.05	3.10	100	2.44	80										
234.09	237.13	3.04	3.20	100	1.26	41										
237.13	240.33	3.20	2.92	91	0.92	29										

Page 2 of 10

[illegible]

DRILL HOLE LOG
GOLDEN REVENUE
ATAC RESOURCES LTD.

[illegible]

DRILL HOLE LOG
GOLDEN REVENUE
ATAC RESOURCES LTD.

[illegible]

Hole: DN01-05 Property: Golden Revenue

[illegible]

**DRILL HOLE LOG
GOLDEN REVENUE
ATAC RESOURCES LTD.**

Hole: DNOI-05 Property: Golden Revenue

Page 6 of 10

Visual Log		From	To	Interval	Unit	Description	Sulphides								Alteration						From	To	Interval	Sample Number	Rec.	Rec.							
Visual	Struc.	(m)	(m)	(m)			PY	CP	Cu	Mg	As	CY	Li	Ma	Gz	Bt																	
T	145°	157.72	163.96	6.25	GNIS	Qz-Fx-Bi Gneiss																				157.72	159.80	2.08	P389992	1.94	93		
T	110°	177.45				medium grey, hard, blacky, grades from weak to moderately altered, mafics																				159.80	161.88	2.08	993	2.03	98		
A	35°	177.75				fresh except in areas of increased quartz veinlets where mafic → sericite																				161.88	163.96	2.08	994	1.97	95		
T	180°					average ~20 veinlet/m, most <1mm wide discontinuous, ~1/m is up to 3mm																											
T	110°	163.96	166.30	2.34	GRAN	Microgranite																				163.96	166.30	2.34	995	2.40	100		
T	150°					very light grey, hard, blacky, weakly altered, weakly veined ~1/4/m most <1mm																											
T	183.85					wide irregular and discontinuous w fine grained black sulphides																											
CNT	70°	185				~5% of interval is angular fragments of metasediments, all contacts																											
Fol	25°	166.30	192.15	25.85	GNIS	Qz-Fx-Bi Gneiss																				166.30	168.95	2.65	996	2.55	96		
CNT	65°					medium grey, hard, weakly altered near Qz veinlets otherwise fresh,																				168.95	172.00	3.05	997	3.08	100		
Fol	20°					mafic + feldspars fresh to slightly greenish, moderately veined ~25/m,																				172.00	175.05	3.05	998	2.99	98		
						most 1mm wide w fine grained sulphides, PY, CP, As - occasionally up to																				175.05	178.10	3.05	999	3.00	98		
						1cm wide almost parallel to C.A. w coarser sulphides and weak																				178.10	181.15	3.05	P390000	3.08	100		
																											181.15	184.20	3.05	001	2.95	97	
		192.15				alteration. 168.95-169.60, 177.45-177.75, 183.85-184.15, 187.58-187.71 microgranite																				184.20	187.25	3.05	002	3.01	99		
						dykes, from 189 to 192.15 quartz veinlets are more common, alteration is																				187.25	190.30	3.05	003	3.00	98		
		194.54				stronger and the gneiss has been brecciated and reemplaced by mixed																				190.30	192.15	1.85	004	1.83	99		
						intrusive material in local areas, some mafics → sericite																											
		195.35	199.02	6.87		Gabbro																				192.15	194.44	2.29	005	2.32	100		
		196.38				black, hard, not altered, new rock type and not sure of proper name, fine to																				194.44	196.73	2.29	006	2.19	96		
		197.53				very fine grained black matrix w 10% <1.5mm black matrix (hornblende?)																				196.73	199.02	2.29	007	2.09	91		
		199.02				phenocrysts + 5% <1.5mm feldspar phenocrysts. Very weakly veined and																											
Fol	20°					fractured. This interval is cut by microgranite veinlets at 194.54-195.35,																											
	35°																																
	55°					196.10-196.38, 197.33-197.53. Within the microgranite are fragments of																											
	135°					gabbro. From 197.53-199.02 the rock is altered with Fx phenocrysts →																											
	205°					softer and greenish white mafic → soft green clay (chlorite) or calcites																											
	135°	199.02	207.87	8.85	GNIS	Altered Metasediments																				199.02	201.97	2.95	008	2.65	90		
	2078°					very light grey to white, moderately hard, crumbles, broken rock, strongly hypogene																				201.97	204.92	2.95	009	2.72	92		
						clay altered, all mafics and most feldspars → soft, white, kaolinite.																				204.92	207.87	2.95	010	2.58	87		
CNT	38°	210				weakly quartz veined. Minor fine grained sulphides as disseminations and																											
						along veinlets, gradational lower contact into less altered rock																											

[illegible]

Hole: DN01-05 Property: Golden Revenue

[illegible]

Hole: QNO1-05 Logger: T.C. Becker Date: Aug 18-19/01 Page 1 of 4

[illegible]

GEOTECHNICAL LOG
GOLDEN REVENUE
ATAC RESOURCES LTD.

Hole: DN01-05 Logger: T.C. Becker Date: Aug 19-22/01

Page 2 of 4

[illegible]

GEOTECHNICAL LOG

GOLDEN REVENUE PROPERTY

ATAC RESOURCES LTD.

Hole: DN01-05

Logger: T.C. Becker

Date: Aug 22-23/01

Page 3 of 4

[illegible]

GEOTECHNICAL LOG
GOLDEN REVENUE
ATAC RESOURCES LTD.

Hole: DN01-05 Logger: T.C. Becker Date: Aug 23-24/01

Page 4 of 4

[illegible]

[illegible]

[illegible]

Visual Log			From	To	Interval	Unit	Description	Sulphides								Alteration				From	To	Interval	Sample	Rec.	Rec.
Visual	Struc.	(m)	(m)	(m)	(m)			PY	CP	Cu	Mo	As	Cy	Li	Ma	Qz	Bi								
	CNT 65°	107.55	113.98	120.55	6.57	PPFX	Porphyry Dyke / Vein Zone	T					T	W		M									
								light greenish-tan, moderately hard, strongly altered, up to 116.17m the unit is																	
								strongly brecciated and consists of angular clasts <1mm - 10cm in a matrix																	
								of fine grained black quartz (minor clay). Generally clasts are dominant but																	
								in 15% of interval (3 bands 10, 20 + 3 cm each) fragments are well rounded <1cm																	
								in size and fine grained black matrix dominates, virtually no cross cutting																	
								veins. From 116.17 - 120.55m brecciation is less common. The only rock in the																	
								entire interval is a fine grained quartz rich material w/ feldspar phenocrysts																	
								that have been altered to clay (sericite (soft pits) or silicified. no visible																	
	Fol 55° 145° 110°	109.80																							
		120																							
	Fol 40°	120.55	120.55	123.75	3.20	GNIS	Altered Qz-Fx-Bi Gneiss	T					W				T								
							medium grey to light tan, grades from strongly hypogene clay altered at top																		
							where all mafics → pale brown kaolinite (~50cm) through a long interval																		
							of swelling clays where mafics are fresh to montmorillonite soft,																		
							the last 50cm of interval is hard w/ only minor clay but strong																		
		126.25																							
	130																								
		126.25	123.75	126.25	2.50	GNIS	Strongly Altered Gneiss	W	W			W	W			W	T								
	135/17						light greenish-tan, moderately hard, strongly altered, foliation weakly visible,																		
							all mafics and feldspars → soft kaolinite or greenish sericite. Minor																		
							reddish secondary Bi, common quartz flooding / silicification around all veinlets																		
							up to 2 or 3 times wider than veinlets, strongly veined at top of interval																		
		140																							

[illegible]

[illegible]

Hole: DNO1-06 Logger: T.C. Becker Date: Aug 25, 2001 Page 1 of 3

[illegible]

Hole: DN01-06 Logger: T.C. Becker Date: Aug 25-26/01 Page 2 of 3

[illegible]

Hole: DN01-06 Logger: T.C. Becker Date: Aug 26-27/01 Page 3 of 3

[illegible]

DRILL HOLE LOG
GOLDEN REVENUE
ATAC RESOURCES LTD.

Hole: DN84-01 Property: Golden Revenue
 Northing: _____ Easting: _____
 Drilling Dates: _____ Logged By: _____
 Core Diameter: _____ Casing Depth: _____

Page 1 of 2

Visual Log		From (m)	To (m)	Interval (m)	Unit	Description	Sulphides					Alteration					From (m)	To (m)	Interval (m)	Sample Number	Rec. (m)	Rec. %
Visual	Struc.	(m)	(m)	(m)												(m)	(m)	(m)				
Q		0.00	3.66	3.66	OUBR	Overburden																
		3.66																				
		10																				
		11.58	3.66	11.58	PPFX	Ex-Qz - Porphyry																
		17.68																				
		20																				
		21.95	11.58	17.68	6.10	GRAN	Microgranite															
		25.60																				
		30																				
		32.41	17.68	21.95	4.27	GNIS	Metasediments															
		33.83																				
		36.40																				
		41.45	21.95	25.60	3.65	GRAN	Microgranite															
		46.02																				
		50																				
			25.60	32.31	6.71	GNIS	Metasediments															
		60																				
			32.31	33.83	1.52	GRAN	Microgranite															
		70																				

GOLDEN REVENUE
ATAC RESOURCES LTD.

ATAC RESOURCES LTD.

Hole: DNG4-01 Property: Golden Revenue

Page 2 of 2

Visual Log	Interval (m)	To (m)	From (m)	Description	Unit	Sulphides	Alteration
7132	33.83	40.23	6.40	GNIS	Metasediments		
80	40.23	41.45	1.22	GRAN	Microgranitic		
8382	41.45	46.02	4.57	QZM2	Quartz Monzonite		
				-medium grained, strongly weathered, ~10% clasts of metasediments			
				~sharp contacts, cut by quartz veins			
	46.02	71.32	25.30	GNIS	Metasediments		
	71.32	83.82	12.50	PFX	Fx-Qz Porphyry		

ATAC RESOURCES LTD.

Property: Golden Revenue

2 of 2

[illegible]

Visual Log			From	To	Interval	Unit	Description	Sulphides						Alteration						From	To	Interval	Sample	Rec.	Rec.
Visual	Struc.	(m)	(m)	(m)	(m)												(m)	(m)	(m)	Number	(m)	%			
0.0 0		3.96	0.00	3.96	3.96	QVBR																			
		10																							
			3.96	15.24	11.28	GNIS	QZ-BI-FX Gneiss																		
		15.24																							
		20																							
			15.24	32.31	17.07	PPXY	QZ-FX Porphyry																		
							- strongly quartz veined usually w good alteration envelopes																		
							- both QZ+Fx phenocrysts																		
		30																							
		32.31	32.31	33.34	1.03	QZM2	Quartz Monzonite																		
		33.34					- medium grained, strongly clay altered																		
		40																							
		42.96	33.34	42.96	9.62	GNIS	BI-QZ-FX Gneiss																		
		43.70					- less weathered than rocks on either side																		
		50																							
		50.90	42.96	43.70	0.74	FTZN	Broken contact / Fault Zone																		
		54.20					- strongly weathered, strongly broken, small fragments of GNIS to 43.6m then fragments of GRAN																		
		59.13																							
		60																							
		60.15	43.70	50.90	7.20	GRAN	Microgranite																		
							- lower contact is sharp, upper contact broken																		
							- common <1mm white Qz veinlets, common 1-2mm phenocrysts of feldspar, most altered to white clay, trace quartz phenocrysts																		
		70																							

APPENDIX III

SYNOPTIC LOGS

ALL NUCLEUS ZONE DIAMOND DRILL HOLES

SYNOPTIC LOG
GOLDEN REVENUE
 ATAC RESOURCES LTD.

Hole DN01-01 Property: Golden Revenue Section: 6,913,650 N
 Easting: 379,465 Northing: 6,913,655 Elevation: 913 Depth: 127.71 Logger: T. C. Becker
 Drilling Dates: June 5 - 7, 2001

Depth	Collar	EOH
Azimuth	270°	
Dip	-50°	-50.5°
Method	Brunton	Acid Test

Page 1 / 2

From (m)	To (m)	Interval (m)	Unit	1*	2*	3*	Comments	From (m)	To (m)	Interval (m)	Sample No.	REC %	Au (g/t)	Cu ppm	As ppm	Bi ppm	Ag ppm
0.00	3.05	3.05	OVBR				Overburden	0.00	3.05	3.05							
3.05	4.57	1.52	PPFX	O	CW	W	Quartz-Feldspar Porphyry	3.05	4.57	1.52	M452251	58	0.78	100	1300	34	1.2
4.57	8.35	3.78	PPFX	O	CW	M	Quartz-Feldspar Porphyry	4.57	8.35	3.78	M452252	62	0.33	85	138	22	0.6
8.35	9.14	0.79	PPFX	O	CW	M	Quartz-Feldspar Porphyry	8.35	9.14	0.79	M452253	95	1.89	178	2520	18	1.4
9.14	15.44	6.30	GNIS	O	CW	M	Altered Metasediments	9.14	12.29	3.15	M452254	75	2.82	177	696	18	1.2
				O	CW	M		12.29	15.44	3.15	M452255	92	0.57	136	438	12	0.6
15.44	21.64	6.20	PPFX	O	CW	M	Quartz-Feldspar Porphyry	15.44	18.54	3.10	M452256	80	0.33	67	138	8	1.2
				O	CW	M		18.54	21.64	3.10	M452257	73	0.51	80	118	16	1.2
21.64	22.80	1.16	GNIS	O	CW	M	Altered Metasediments	21.64	22.80	1.16	M452258	56	1.74	383	732	24	2.0
22.80	29.68	6.88	GRAN	O	CW	W	Microgranite	22.80	26.24	3.44	M452259	69	0.51	195	226	18	1.0
				O	CW	M		26.24	29.68	3.44	M452260	72	0.48	272	394	26	1.6
29.68	30.70	1.02	QZMZ	O	CW	M	Quartz Monzonite	29.68	30.70	1.02	M452261	87	0.69	342	734	26	1.8
30.70	33.75	3.05	GNIS	O	CW	W	Altered Metasediments	30.70	33.75	3.05	M452262	91	0.48	1435	66	84	3.6
33.75	34.47	0.72	PPFX	O	CW	W	Quartz-Feldspar Porphyry	33.75	35.10	1.35	M452263	100	0.18	324	142	14	2.0
34.47	35.10	0.63	GNIS	O	CW	W	Altered Metasediments										
35.10	42.60	7.50	GRAN	O	CW	W	Microgranite	35.10	37.60	2.50	M452264	85	0.09	124	242	8	0.2
				O	CW	W		37.60	40.10	2.50	M452265	86	0.06	77	214	2	0.2
				O	CW	W		40.10	42.60	2.50	M452266	81	0.33	79	332	8	1.0
42.60	43.69	1.09	QZMZ	O	CW	W	Quartz Monzonite	42.60	43.69	1.09	M452267	87	0.30	430	208	8	0.6
43.69	48.82	5.13	GNIS	SS	F	M	Biotite-Quartz-Feldspar Gneiss	43.69	46.94	3.25	M452268	82	0.18	456	36	24	0.2
48.82	53.40	4.58	GNIS	SS	P	M	Biotite-Quartz-Feldspar Gneiss	46.94	49.99	3.05	M452269	93	0.18	236	24	18	<0.2
				SS	P	M		49.99	52.20	2.21	M452270	99	0.12	725	34	28	1.0
				SS	P	M		52.20	53.40	1.20	M452271	93	0.45	718	214	22	0.6
53.40	65.00	11.60	GNIS	SS	B	M	Biotite-Quartz-Feldspar Gneiss	53.40	54.20	0.80	M452272	100	0.24	571	104	6	0.4
				SS	B	M		54.20	56.08	1.88	M452273	88	0.51	832	1195	28	1.4
				SS	B	M		56.08	59.13	3.05	M452274	93	1.08	1355	78	64	2.0
				F	B	W		59.13	62.18	3.05	M452275	97	0.09	259	30	54	0.2
				F	B	W		62.18	65.00	2.82	M452276	94	0.03	131	36	8	<0.2
65.00	65.75	0.75	QZMZ	F	B	S	Quartz Monzonite	65.00	65.75	0.75	M452277	100	4.86	413	46	124	0.6
65.75	68.28	2.53	GNIS	F	B	S	Metasediments and Quartz Monzonite	65.75	68.28	2.53	M452278	91	0.78	1840	32	28	3.6
68.28	96.65	28.37	PPFX	F	B	M	Quartz-Feldspar Porphyry	68.28	70.87	2.59	M452279	91	0.09	821	130	4	0.8

1* Weathering (O=oxide, S=supergene, SC=supergene carbonates, SO=supergene oxide, SS=supergene sulphide, TR=transition, F=fresh)

2* Alteration (U=unaltered, CW=weathering clay, P=propylitic, CH=hypogene clay, K=k-feldspar, S=silicification) 3* Fractures (W=weak <10/m, M=moderate 10-40/m, S=strong >40/m)

SYNOPTIC LOG
GOLDEN REVENUE
 ATAC RESOURCES LTD.

Hole: DN01-01

Page 2 / 2

From (m)	To (m)	Interval (m)	Unit	1*	2*	3*	Comments	From (m)	To (m)	Interval (m)	Sample No.	REC %	Au (g/t)	Cu ppm	As ppm	Bi ppm	Ag ppm
				F	U	M		70.87	72.39	1.52	M452280	97	0.45	1770	310	140	1.8
				F	U	M		72.39	75.59	3.20	M452281	97	0.03	612	254	12	0.6
				F	U	M		75.59	78.33	2.74	M452282	100	0.15	803	164	30	0.8
				F	U	M		78.33	81.38	3.05	M452283	100	0.18	610	130	18	0.6
				F	U	M		81.38	83.51	2.13	M452284	90	0.18	948	148	8	0.6
				F	U	M		83.51	86.26	2.75	M452285	89	0.21	1165	276	10	1.0
				F	U	M		86.26	89.31	3.05	M452286	100	0.09	1525	606	44	1.4
				F	U	M		89.31	92.35	3.04	M452287	90	0.18	1345	286	16	2.0
				F	U	M		92.35	95.10	2.75	M452288	87	0.09	955	748	32	0.8
				F	U	M		95.10	96.65	1.55	M452289	92	0.06	590	1540	74	0.8
96.65	101.41	4.76	GNIS	TR	CH	M	Metasediments	96.65	99.03	2.38	M452290	93	0.33	371	122	14	<0.2
				TR	CH	M		99.03	101.41	2.38	M452291	92	0.06	759	560	4	<0.2
101.41	110.05	8.64	QZMZ	TR	CH	W	Quartz Monzonite	101.41	103.10	1.69	M452292	100	<0.03	1645	462	2	0.6
				TR	CH	W		103.10	104.55	1.45	M452377	97	0.03	714	242	2	0.2
				TR	CH	W		104.55	107.59	3.04	M452293	100	0.06	218	42	4	0.2
				TR	CH	W		107.59	110.05	2.46	M452294	96	0.12	317	28	10	0.4
110.05	113.99	3.94	GNIS	F	U	M	Metasediments	110.05	113.99	3.94	M452295	96	0.18	604	152	20	0.8
113.99	116.65	2.66	QZMZ	F	U	W	Quartz Monzonite and Metasediments	113.99	115.30	1.31	M452296	97	0.15	500	30	24	0.6
				F	U	W		115.30	116.65	1.35	M452297	95	0.06	633	30	10	0.8
116.65	117.30	0.65	VNZN	F	CH	S	Vein Zone	116.65	117.30	0.65	M452298	100	0.21	321	836	2	0.6
117.30	127.71	10.41	GNIS	F	U	W	Metasediments	117.30	118.57	1.27	M452299	100	0.66	150	22	8	<0.2
				F	U	W		118.57	121.62	3.05	M452300	98	0.12	301	48	10	0.2
				F	U	W		121.62	124.66	3.04	M452301	100	0.81	333	28	24	0.2
				F	U	W		124.66	127.71	3.05	M452302	94	0.33	297	34	12	0.4
	EOH								EOH								

1* Weathering (O=oxide, S=supergene, SC=supergene carbonates, SO=supergene oxide, SS=supergene sulphide, TR=transition, F=fresh)

2* Alteration (U=unaltered, CW=weathering clay, P=propylitic, CH=hypogene clay, K=k-feldspar, S=silicification) 3* Fractures (W=weak <10/m, M=moderate 10-40/m, S=strong >40/m)

SYNOPTIC LOG

GOLDEN REVENUE

ATAC RESOURCES LTD.

Hole: DN01-02 Property: Golden Revenue Section: 6,913,750 N

Easting: Northing: Elevation: Depth: Logger: T.C. Becker

Drilling Dates: June 7-12, 2001

Depth	Collar	EOH
Azimuth	270°	
Dip	-49.5°	-50.5°
Method	Compass	Acid Test

Page 1 / 3

From (m)	To (m)	Interval (m)	Unit	1*	2*	3*	Comments	From (m)	To (m)	Interval (m)	Sample No.	REC %	Au (g/t)	Cu ppm	As ppm	Bi ppm	Ag ppm
0.00	4.88	4.88	OVBR				Overburden	0.00	4.88	4.88							
4.88	26.80	21.92	GNIS	O	CW	W	Altered Metasediments	4.88	7.47	2.59	M452303	71	0.51	300	860	<2	<0.2
				O	CW	W		7.47	10.67	3.20	M452304	64	0.60	342	1970	2	0.2
				O	CW	W		10.67	13.26	2.59	M452305	66	0.12	192	212	<2	<0.2
				O	CW	W		13.26	16.46	3.20	M452306	90	0.30	284	104	24	<0.2
				O	CW	W		16.46	19.51	3.05	M452307	67	0.99	376	112	34	0.6
				O	CW	W		19.51	22.56	3.05	M452308	97	0.24	370	42	<2	<0.2
				O	CW	W		22.56	24.08	1.52	M452309	100	0.15	321	68	30	<0.2
				O	CW	W		24.08	26.80	2.72	M452310	85	0.12	255	328	2	<0.2
26.80	28.96	2.16	GRAN	O	CW	S	Microgranite	26.80	28.96	2.16	M452311	81	0.33	371	612	2	<0.2
28.96	33.18	4.22	GNIS	O	CW	W	Altered Metasediments	28.96	31.07	2.11	M452312	91	1.32	339	92	22	<0.2
				O	CW	W		31.07	33.18	2.11	M452313	100	0.21	235	272	<2	<0.2
33.18	33.80	0.62	GRAN	O	CW	W	Microgranite	33.18	33.80	0.62	M452314	84	0.09	171	18	<2	<0.2
33.80	41.42	7.62	GNIS	O	CW	W	Altered Metasediments	33.80	35.66	1.86	M452315	100	0.15	302	24	<2	<0.2
				O	CW	W		35.66	38.71	3.05	M452316	98	1.20	491	30	32	0.2
				SS	CW	M		38.71	41.42	2.71	M452317	89	0.75	2920	200	2	0.4
41.42	42.30	0.88	VNZN	O	S	S	Vein Zone	41.42	42.30	0.88	M452318	100	3.42	798	>10000	260	3.0
42.30	46.20	3.90	GNIS	SS	CW	S	Altered Metasediments	42.30	44.25	1.95	M452319	100	1.35	1110	1410	26	2.4
				SS	CW	S		44.25	46.20	1.95	M452320	97	1.38	1755	186	58	1.2
46.20	48.31	2.11	GRAN	O	CW	M	Microgranite	46.20	48.31	2.11	M452321	99	1.02	297	144	126	0.6
48.31	53.51	5.20	GNIS	O	CW	M	Altered Metasediments	48.31	50.91	2.60	M452322	93	0.78	188	56	14	0.2
				O	CW	M		50.91	53.51	2.60	M452323	95	0.36	135	32	<2	0.2
53.51	58.61	5.10	GRAN	O	CW	M	Microgranite	53.51	56.06	2.55	M452324	100	0.99	88	200	14	0.2
				O	CW	M		56.06	58.61	2.55	M452325	94	0.69	117	200	32	1.0
58.61	61.35	2.74	GNIS	SS	CW	M	Altered Metasediments	58.61	61.35	2.74	M452326	96	1.56	740	114	42	0.8
61.35	64.42	3.07	PPFX	SS	CW	W	Quartz-Feldspar Porphyry	61.35	64.42	3.07	M452327	95	2.49	1160	220	50	2.0
64.42	68.70	4.28	GNIS	TR	CW	S	Metasediments and Quartz Monzonite Dykes	64.42	66.56	2.14	M452328	93	0.39	293	168	2	<0.2
				TR	CW	S		66.56	68.70	2.14	M452329	90	4.20	486	110	22	<0.2
68.70	74.60	5.90	GNIS	F	U	W	Biotite-Quartz-Feldspar Gniess	68.70	71.65	2.95	M452330	97	1.02	203	410	2	<0.2
				F	U	W		71.65	74.60	2.95	M452331	100	0.15	144	136	<2	<0.2
74.60	75.15	0.55	GRAN	F	U	M	Microgranite	74.60	75.15	0.55	M452332	94	0.12	111	98	<2	<0.2

1* Weathering (O=oxide, S=supergene, SC=supergene carbonates, SO=supergene oxide, SS=supergene sulphide, TR=transition, F=fresh)

2* Alteration (U=unaltered, CW=weathering clay, P=propylitic, CH=hypogene clay, K=k-feldspar, S=silicification) 3* Fractures (W=weak <10/m, M=moderate 10-40/m, S=strong >40/m)

SYNOPTIC LOG
GOLDEN REVENUE
ATAC RESOURCES LTD.

DN01-02

Page 2 / 3

From (m)	To (m)	Interval (m)	Unit	1*	2*	3*	Comments	From (m)	To (m)	Interval (m)	Sample No.	REC %	Au (g/t)	Cu ppm	As ppm	Bi ppm	Ag ppm
75.15	84.12	8.97	GNIS	F	U	W	Biotite-Quartz-Feldspar Gniess	75.15	78.14	2.99	M452333	100	0.48	277	192	<2	<0.2
				F	U	W		78.14	81.13	2.99	M452334	97	0.06	104	54	<2	<0.2
				F	U	W		81.13	84.12	2.99	M452335	98	0.03	112	118	<2	<0.2
84.12	102.00	17.88	GNIS	F	U	W	Bi-Qz-Fx Gniess and Quartz Monzonite Dykes	84.12	86.56	2.44	M452336	97	0.30	227	136	<2	<0.2
				F	U	W		86.56	89.15	2.59	M452337	100	0.30	164	20	<2	<0.2
				F	U	W		89.15	91.13	1.98	M452338	100	0.03	40	18	<2	<0.2
				F	U	W		91.13	94.18	3.05	M452339	100	0.18	112	20	<2	<0.2
				F	U	W		94.18	97.23	3.05	M452340	100	0.39	139	52	<2	<0.2
				F	U	W		97.23	100.28	3.05	M452341	98	0.48	321	48	<2	<0.2
				F	U	W		100.28	102.00	1.72	M452342	94	0.27	241	26	<2	<0.2
102.00	104.70	2.70	GNIS	F	U	W	Bi-Qz-Fx Gniess and Quartz Monzonite Dykes	102.00	104.70	2.70	M452343	100	0.72	205	24	8	0.2
104.70	115.34	10.64	GNIS	F	U	W	Bi-Qz-Fx Gniess and Quartz Monzonite Dykes	104.70	107.36	2.66	M452344	100	0.21	120	32	<2	<0.2
				F	U	W		107.36	110.02	2.66	M452345	98	0.27	205	22	6	<0.2
				F	U	W		110.02	112.68	2.66	M452346	100	0.51	340	30	2	<0.2
				F	U	W		112.68	115.34	2.66	M452347	100	0.21	267	40	<2	<0.2
115.34	118.20	2.86	GNIS	F	B	S	Bi-Qz-Fx Gniess and Quartz Monzonite Dykes	115.34	118.20	2.86	M452348	100	0.21	246	90	8	<0.2
118.20	126.33	8.13	PPFX	F	CH	M	Milled Quartz-Feldspar Porphyry	118.20	120.91	2.71	M452349	100	0.27	1180	794	<2	0.2
				F	CH	M		120.91	123.62	2.71	M452350	99	2.34	2290	5470	94	2.8
				F	CH	M		123.62	126.33	2.71	M452351	99	0.45	471	308	48	0.2
126.33	126.98	0.65	FTZN	TR	CH	W	Fault Zone	126.33	126.98	0.65	M452352	100	0.48	4110	52	2	7.6
126.98	129.00	2.02	GNIS	F	CH	W	Biotite-Quartz-Feldspar Gniess	126.98	129.00	2.02	M452353	100	0.06	70	10	<2	<0.2
129.00	130.76	1.76	SKRN	F	U	M	Skarn	129.00	130.76	1.76	M452354	100	0.33	315	36	60	0.2
130.76	140.20	9.44	GNIS	F	CH	M	Biotite-Quartz-Feldspar Gniess	130.76	133.81	3.05	M452355	100	5.70	208	30	48	0.2
				F	CH	M		133.81	136.85	3.04	M452356	100	0.51	169	36	2	<0.2
				F	U	M		136.85	139.90	3.05	M452357	100	0.33	144	8	6	<0.2
140.20	144.59	4.39	GNIS	F	CH	M	Biotite-Quartz-Feldspar Gniess	139.90	142.95	3.05	M452358	100	0.72	427	62	22	0.2
				F	CH	M		142.95	144.59	1.64	M452359	96	0.42	122	108	<2	<0.2
144.59	147.02	2.43	QZMZ	F	CH	S	Quartz Monzonite	144.59	147.02	2.43	M452360	97	0.09	143	274	<2	<0.2
147.02	155.14	8.12	SKRN	F	U	W	Skarn	147.02	149.05	2.03	M452361	100	0.33	346	12	<2	0.2
				F	U	W		149.05	152.09	3.04	M452362	98	0.09	202	50	4	<0.2
				F	U	W		152.09	154.27	2.18	M452363	100	0.24	340	348	2	0.2

1* Weathering (O=oxide, S=supergene, SC=supergene carbonates, SO=supergene oxide, SS=supergene sulphide, TR=transition, F=fresh)

2* Alteration (U=unaltered, CW=weathering clay, P=propylitic, CH=hypogene clay, K=k-feldspar, S=silicification) 3* Fractures (W=weak <10/m, M=moderate 10-40/m, S=strong >40/m)

DN01-02

1* Weathering (O=oxide, S=supergene, SC=supergene carbonates, SO=supergene oxide, SS=supergene sulphide, TR=transition, F=fresh)

2* Alteration (U=unaltered, CW=weathering clay, P=propylitic, CH=hypogene clay, K=k-feldspar, S=silicification) 3* Fractures (W=weak <10/m, M=moderate 10-40/m, S=strong >40/m)

SYNOPTIC LOG
GOLDEN REVENUE
 ATAC RESOURCES LTD.

Hole: DN01-03 Property: Golden Revenue Section: 6,913,850 N

Easting: Northing: Elevation: Depth: Logger: T.C. Becker

Drilling Dates: June 10-12, 2001

Depth	Collar	EOH
Azimuth	270°	
Dip	-50°	-47°
Method	Compass	Acid Test

Page 1 / 3

From (m)	To (m)	Interval (m)	Unit	1*	2*	3*	Comments	From (m)	To (m)	Interval (m)	Sample No.	REC %	Au (g/t)	Cu ppm	As ppm	Bi ppm	Ag ppm
0.00	3.05	3.05	OVBR				Overburden	0.00	3.05	3.05							
3.05	4.90	1.85	GNIS	O	CW	W	Altered Metasediments	3.05	4.90	1.85	M452378	78	<0.03	49	202	<2	<0.2
4.90	12.04	7.14	GRAN	O	CW	W	Microgranite	4.90	7.28	2.38	M452379	80	<0.03	15	78	<2	0.2
				O	CW	W		7.28	9.66	2.38	M452378	95	0.03	22	560	<2	0.2
				O	CW	W		9.66	12.04	2.38	M452381	98	0.57	20	412	2	0.4
12.04	16.10	4.06	GNIS	O	CW	W	Altered Metasediments	12.04	14.07	2.03	M452382	99	0.09	182	276	<2	<0.2
				O	CW	W		14.07	16.10	2.03	M452383	91	<0.03	213	72	<2	<0.2
16.10	17.68	1.58	GNIS	O	CW	M	Metasediments with quartz veining	16.10	17.68	1.58	M452384	90	0.66	116	2040	6	0.2
17.68	19.67	1.99	GNIS	O	CW	W	Altered Metasediments	17.68	19.67	1.99	M452385	100	0.09	140	256	<2	0.2
19.67	43.37	23.70	GRAN	O	CW	W	Microgranite	19.67	22.25	2.58	M452386	100	0.03	18	558	<2	<0.2
				O	CW	W		22.25	25.30	3.05	M452387	96	0.06	61	764	<2	<0.2
				O	CW	W		25.30	28.35	3.05	M452388	100	<0.03	18	196	<2	<0.2
				O	CW	W		28.35	31.39	3.04	M452389	100	0.03	14	304	<2	0.2
				O	CW	W		31.39	34.59	3.20	M452390	96	<0.03	15	348	<2	<0.2
				O	CW	W		34.59	37.19	2.60	M452391	96	0.18	46	2730	12	0.8
				O	CW	W		37.19	40.23	3.04	M452392	100	0.03	26	226	<2	<0.2
				O	CW	W		40.23	43.37	3.14	M452393	100	0.06	26	160	<2	0.2
43.37	44.75	1.38	VNZN	O	S	S	brecciated GRAN with quartz veining	43.37	44.75	1.38	M452394	100	0.27	104	1465	8	0.4
44.75	49.36	4.61	GRAN	O	CW	W	Microgranite	44.75	46.16	1.41	M452395	84	0.12	78	548	10	0.2
				O	CW	M	- increased quartz veining/brecciation	46.16	46.87	0.71	M452396	96	0.12	247	1030	16	0.6
				O	CW	W		46.87	49.36	2.49	M452397	100	0.15	61	162	<2	<0.2
49.36	50.85	1.49	VNZN	O	S	M	brecciated GRAN with quartz veining	49.36	50.85	1.49	M452398	100	0.12	335	714	12	0.2
50.85	58.38	7.53	GRAN	O	CW	W	Microgranite	50.85	53.36	2.51	M452399	100	0.09	83	356	<2	<0.2
				O	CW	W		53.36	55.87	2.51	M452400	98	0.36	54	488	<2	0.2
				O	CW	W		55.87	58.38	2.51	M452401	100	0.21	194	508	70	0.6
58.38	59.30	0.92	VNZN	O	S	M	brecciated GRAN with quartz veining	58.38	59.30	0.92	M452402	89	1.47	550	314	20	0.2
59.30	72.00	12.70	GNIS	S	CW	W	Quartz-Biotite-Feldspar Gneiss	59.30	61.57	2.27	M452403	90	0.96	174	1565	22	0.6
				S	CW	W		61.57	63.70	2.13	M452404	99	0.36	36	252	2	0.2
				S	CW	W		63.70	66.75	3.05	M452405	99	3.48	148	3820	566	<0.2
				S	CW	W		66.75	69.80	3.05	M452406	98	1.14	385	1845	58	0.2
				S	CW	W		69.80	72.85	3.05	M452407	100	1.02	275	1445	28	0.2

1* Weathering (O=oxide, S=supergene, SC=supergene carbonates, SO=supergene oxide, SS=supergene sulphide, TR=transition, F=fresh)

2* Alteration (U=unaltered, CW=weathering clay, P=propylitic, CH=hypogene clay, K=k-feldspar, S=silicification) 3* Fractures (W=weak <10/m, M=moderate 10-40/m, S=strong >40/m)

SYNOPTIC LOG
GOLDEN REVENUE
 ATAC RESOURCES LTD.

Hole: DN01-03

Page 2 / 3

From (m)	To (m)	Interval (m)	Unit	1*	2*	3*	Comments	From (m)	To (m)	Interval (m)	Sample No.	REC %	Au (g/t)	Cu ppm	As ppm	Bi ppm	Ag ppm
72.00	82.33	10.33	SKRN	S	CW	W	Skarn/Chlorite Schist	72.85	75.90	3.05	M452408	100	0.78	181	12	10	<0.2
				S	CW	W		75.90	78.94	3.04	M452409	96	0.36	171	354	8	<0.2
				S	CW	W		78.94	82.33	3.39	M452410	100	0.15	146	14	2	<0.2
82.33	92.05	9.72	GNIS	S	CW	M	Altered Metasediments	82.33	85.03	2.70	M452411	100	0.48	150	1225	12	<0.2
				S	CW	M		85.03	88.09	3.06	M452412	95	0.30	236	1075	18	<0.2
				S	CW	M		88.09	90.98	2.89	M452413	97	0.93	1730	342	6	<0.2
				S	CW	M		90.98	92.05	1.07	M452414	95	0.36	380	992	78	1.4
92.05	98.43	6.38	VNZN	O	CW	S	Vein Zone	92.05	94.49	2.44	M452415	97	1.05	221	428	22	1.4
				O	CW	S		94.49	96.93	2.44	M452416	98	0.60	72	1880	40	1.2
				O	CW	S		96.93	98.43	1.50	M452417	99	0.36	359	3230	6	<0.2
98.43	112.47	14.04	GNIS	SS	CW	S	Altered Metasediments	98.43	100.28	1.85	M452418	99	0.21	455	178	12	0.8
				SS	CW	S		100.28	103.33	3.05	M452419	98	0.69	1265	684	36	2.6
				SS	CW	S		103.33	106.37	3.04	M452420	100	3.06	1120	642	86	4.0
				SS	CW	S		106.37	109.42	3.05	M452421	98	0.36	216	94	8	<0.2
				SS	CW	S		109.42	112.47	3.05	M452422	95	0.81	380	896	26	0.6
112.47	115.20	2.73	VNZN	SS	CW	S	Vein Zone	112.47	115.20	2.73	M452423	98	3.42	1890	1775	68	8.6
115.20	121.50	6.30	GNIS	SS	CW	S	Altered Metasediments	115.20	117.30	2.10	M452424	90	1.20	658	214	50	2.6
				SS	CW	S		117.30	119.40	2.10	M452425	100	0.27	324	204	12	1.0
				SS	CW	S		119.40	121.50	2.10	M452426	98	0.42	535	268	12	1.0
121.50	127.00	5.50	VNZN	SS	CW	S	Vein Zone	121.50	124.25	2.75	M452427	96	1.20	229	440	18	1.4
				SS	CW	S		124.25	127.00	2.75	M452428	100	1.11	599	486	56	1.6
127.00	133.30	6.30	PPFX	SS	CW	M	Quartz-Feldspar Porphyry	127.00	129.00	2.00	M452429	99	1.20	596	1100	112	1.0
				SS	CW	M		129.00	131.20	2.20	M452430	97	3.21	1020	1545	638	3.4
				SS	CW	M		131.20	133.30	2.10	M452431	97	1.20	1420	950	152	3.8
133.30	136.45	3.15	GNIS	SS	CW	M	Altered Metasediments	133.30	136.45	3.15	M452432	97	3.87	990	808	148	3.0
136.45	138.09	1.64	VNZN	SS	CW	S	Vein Zone	136.45	138.09	1.64	M452433	86	2.61	1435	5470	144	3.6
138.09	161.06	22.97	GNIS	F	CH	M	Biotite-Quartz-Feldspar Gneiss	138.09	140.25	2.16	M452434	100	0.27	95	730	10	<0.2
				F	CH	M		140.25	142.95	2.70	M452435	100	0.87	576	546	22	0.6
				F	CH	M		142.95	145.85	2.90	M452436	96	0.81	489	192	10	0.2
				F	CH	M		145.85	148.89	3.04	M452437	100	0.09	104	8	<2	<0.2
				F	CH	M		148.89	151.94	3.05	M452438	100	0.18	172	72	6	<0.2

1* Weathering (O=oxide, S=supergene, SC=supergene carbonates, SO=supergene oxide, SS=supergene sulphide, TR=transition, F=fresh)

2* Alteration (U=unaltered, CW=weathering clay, P=propylitic, CH=hypogene clay, K=k-feldspar, S=silicification) 3* Fractures (W=weak <10/m, M=moderate 10-40/m, S=strong >40/m)

Hole: DN01-03

2* Alteration (U=unaltered, CW=weathering clay, P=propylitic, CH=hypogene clay, K=k-feldspar, S=silicification) 3* Fractures (W=weak <10/m, M=moderate 10-40/m, S=strong >40/m)

SYNOPTIC LOG
GOLDEN REVENUE

ATAC RESOURCES LTD.

Hole: DN01-04 Property: Golden Revenue Section: _____

Easting: _____ Northing: _____ Elevation: _____ Depth: _____ Logger: T.C. Becker
Drilling Dates: June 12-16, 2001

Depth	Collar	EOH	
Azimuth	270		
Dip	-50	-46°	
Method	Compass	Acid	

Page 1 / 4

From (m)	To (m)	Interval (m)	Unit	1*	2*	3*	Comments	From (m)	To (m)	Interval (m)	Sample No.	REC %	Au (g/t)	Cu ppm	As ppm	Bi ppm	Ag ppm
0.00	3.05	3.05	OVBR				Overburden	0.00	3.05	3.05							
3.05	20.55	17.50	GRAN	O	CW	M	Microgranite	3.05	5.18	2.13	452456	76	0.06	46	16	2	<0.2
				O	CW	M		5.18	7.31	2.13	452457	83	0.09	114	120	2	<0.2
				O	CW	M		7.31	10.06	2.75	452458	95	0.06	68	46	4	0.2
				O	CW	M		10.06	12.80	2.74	452459	92	0.06	29	28	<2	<0.2
				O	CW	M		12.80	15.54	2.74	452460	80	0.18	53	48	6	0.4
				O	CW	M		15.54	18.29	2.75	452461	85	0.33	128	170	16	0.8
				O	CW	M		18.29	20.55	2.26	452462	71	0.24	134	86	6	0.2
20.55	21.32	0.77	QZMZ	O	CW	M	Quartz Monzonite	20.55	21.32	0.77	452463	84	1.11	548	30	30	1.0
21.32	21.87	0.55	GRAN	O	CW	M	Microgranite	21.32	21.87	0.55	452464	76	0.12	229	26	6	0.6
21.87	46.63	24.76	GNIS	O	CW	W	Qz-Bi-Fx Gneiss	21.87	24.69	2.82	452465	80	0.12	756	8	2	0.4
				O	CW	W		24.69	28.04	3.35	452466	96	0.15	898	32	2	<0.2
				O	CW	W		28.04	31.39	3.35	452467	96	0.03	566	24	<2	<0.2
				O	CW	W		31.39	34.59	3.20	452468	90	0.06	779	28	2	<0.2
				O	CW	W		34.59	37.79	3.20	452469	90	0.12	608	50	8	<0.2
				O	CW	W		37.79	40.84	3.05	452470	89	0.18	772	188	10	0.8
				O	CW	W		40.84	43.89	3.05	452471	84	0.30	1060	26	8	1.6
				O	CW	W		43.89	46.63	2.74	452472	100	0.12	1150	26	2	0.2
46.63	84.66	38.03	GNIS	O	CW	M	Metasediments	46.63	49.09	2.46	452473	91	0.24	437	32	10	0.4
				O	CW	M		49.09	51.55	2.46	452474	94	0.09	316	32	6	0.2
				O	CW	M		51.55	54.01	2.46	452475	96	0.24	335	70	26	1.0
				O	CW	S	54.0-57.0 m broken, altered and veined	54.01	57.01	3.00	452476	96	0.93	385	940	18	1.4
				O	CW	M		57.01	59.74	2.73	452477	87	0.15	317	76	14	0.2
				O	CW	M		59.74	62.79	3.05	452478	100	0.09	164	214	28	0.2
				O	CW	M		62.79	66.14	3.35	452479	92	0.06	172	66	12	0.2
				O	CW	M		66.14	68.07	1.93	452480	92	0.06	141	46	6	0.2
				O	CW	M		68.07	70.00	1.93	452481	92	0.69	746	296	38	<0.2
				O	CW	M	70.0-83.5 m increased quartz veinlets	70.00	72.85	2.85	452482	100	5.07	1105	176	174	0.6
				O	CW	M		72.85	75.44	2.59	452483	95	0.18	813	106	8	0.2
				O	CW	M		75.44	78.49	3.05	452484	100	0.12	632	332	8	0.6
				O	CW	M		78.49	81.54	3.05	452485	100	0.36	405	426	10	<0.2

1* Weathering (O=oxide, S=supergene, SC=supergene carbonates, SO=supergene oxide, SS=supergene sulphide, TR=transition, F=fresh)

2* Alteration (U=unaltered, CW=weathering clay, P=propylitic, CH=hypogene clay, K=k-feldspar, S=silicification) 3* Fractures (W=weak <10/m, M=moderate 10-40/m, S=strong >40/m)

SYNOPTIC LOG
GOLDEN REVENUE
ATAC RESOURCES LTD.

Hole: DN01-04

Page 2 / 4

From (m)	To (m)	Interval (m)	Unit	1*	2*	3*	Comments	From (m)	To (m)	Interval (m)	Sample No.	REC %	Au (g/t)	Cu ppm	As ppm	Bi ppm	Ag ppm
				SS	CW	M		81.54	84.66	3.12	452486	99	0.36	3740	390	30	1.2
84.66	94.20	9.54	GNIS	SS	CW	M	Metasediments	84.66	87.78	3.12	452487	98	0.36	1310	82	2	<0.2
				SS	CW	M		87.78	89.92	2.14	452488	98	0.63	1010	70	10	<0.2
				SS	CW	M		89.92	92.06	2.14	452489	93	0.09	724	54	<2	<0.2
				SS	CW	M		92.06	94.20	2.14	452490	93	0.06	1150	92	14	<0.2
94.20	96.20	2.00	GNIS	SS	CW	M	Metasediments	94.20	96.20	2.00	452491	91	0.42	1305	84	56	0.4
96.20	99.50	3.30	BRXX	O	CW	S	Breccia Zone	96.20	98.60	2.40	452492	71	0.66	435	470	36	0.6
				O	CW	S		98.60	99.50	0.90	452493	91	0.12	381	466	8	0.6
99.50	106.37	6.87	GNIS	O	CW	W	Metasediments	99.50	101.79	2.29	452494	96	0.09	411	138	8	<0.2
				O	CW	W		101.79	104.08	2.29	452495	92	0.06	319	118	6	0.4
				O	CW	W		104.08	106.37	2.29	452496	96	0.09	252	124	10	0.2
106.37	113.39	7.02	GNIS	O	CW	W	Metasediments	106.37	108.71	2.34	452497	100	0.06	205	158	32	0.6
				O	CW	W		108.71	111.05	2.34	452498	95	0.42	438	230	142	2.4
				O	CW	W		111.05	113.39	2.34	452499	91	0.15	227	266	16	<0.2
113.39	117.35	3.96	GNIS	SS	CW	W	Metasediments	113.39	115.37	1.98	452500	92	0.24	1990	18	6	<0.2
				SS	CW	W		115.37	117.35	1.98	452551	100	0.36	848	42	12	0.2
117.35	124.98	7.63	GNIS	F	U	W	Bi-Qz-Fx Gneiss	117.35	120.40	3.05	452552	100	0.06	253	36	2	<0.2
				F	U	W		120.40	123.60	3.20	452553	97	0.12	179	12	<2	<0.2
				F	U	W		123.60	124.98	1.38	452554	100	0.27	226	228	6	<0.2
124.98	126.76	1.78	GNIS	F	CH	W	Bi-Qz-Fx Gneiss	124.98	126.76	1.78	452555	99	0.48	324	38	12	1.0
126.76	128.93	2.17	BRXX	F	CH	S	Breccia Zone	126.76	128.93	2.17	452556	88	0.45	1430	1290	58	0.2
128.93	131.00	2.07	GNIS	F	CH	W	Bi-Qz-Fx Gneiss	128.93	131.00	2.07	452557	98	0.21	815	188	44	0.2
131.00	132.73	1.73	GRAN	F	U	W	Microgranite	131.00	132.73	1.73	452558	87	<0.03	154	60	<2	<0.2
132.73	136.33	3.60	GNIS	F	U	W	Bi-Qz-Fx Gneiss	132.73	134.79	2.06	452559	100	0.12	351	34	16	<0.2
136.33	136.85	0.52	GRAN	F	U	W	Microgranite	134.79	136.85	2.06	452560	98	0.06	211	50	<2	<0.2
136.85	140.36	3.51	GNIS	F	U	W	Bi-Qz-Fx Gneiss	136.85	139.90	3.05	452561	100	0.12	603	560	6	<0.2
140.36	141.00	0.64	GRAN	F	U	W	Microgranite	139.90	142.95	3.05	452562	100	0.33	432	86	18	<0.2
141.00	166.20	25.20	GNIS	F	U	W	Bi-Qz-Fx Gneiss										
				F	U	W		142.95	145.39	2.44	452563	97	0.21	340	216	6	<0.2
				F	U	W		145.39	148.44	3.05	452564	100	0.33	222	46	4	<0.2
				F	U	W		148.44	151.64	3.20	452565	97	0.30	492	22	8	<0.2

1* Weathering (O=oxide, S=supergene, SC=supergene carbonates, SO=supergene oxide, SS=supergene sulphide, TR=transition, F=fresh)

2* Alteration (U=unaltered, CW=weathering clay, P=propylitic, CH=hypogene clay, K=k-feldspar, S=silicification) 3* Fractures (W=weak <10/m, M=moderate 10-40/m, S=strong >40/m)

SYNOPTIC LOG
GOLDEN REVENUE
 ATAC RESOURCES LTD.

Hole: DN01-04

Page 3 / 4

From (m)	To (m)	Interval (m)	Unit	1*	2*	3*	Comments	From (m)	To (m)	Interval (m)	Sample No.	REC %	Au (g/t)	Cu ppm	As ppm	Bi ppm	Ag ppm
				F	U	W		151.64	154.69	3.05	452566	100	0.27	548	78	22	<0.2
				F	U	W		154.69	158.19	3.50	452567	90	0.15	293	92	6	<0.2
				F	U	W		158.19	161.70	3.51	452568	100	0.45	247	22	62	<0.2
				F	U	W		161.70	163.95	2.25	452569	95	0.15	550	10	40	<0.2
				F	U	W		163.95	166.20	2.25	452570	92	<0.03	117	32	<2	<0.2
166.20	174.81	8.61	QZMZ	F	U	W	Quartz Monzonite	166.20	169.07	2.87	452571	100	0.09	267	38	<2	<0.2
				F	U	W		169.07	171.94	2.87	452572	100	0.18	211	92	<2	<0.2
				F	U	W		171.94	174.81	2.87	452573	100	0.09	828	242	124	1.4
174.81	184.65	9.84	SKRN	F	U	W	Skarnified metasediments	174.81	177.27	2.46	452574	100	0.24	393	26	2	<0.2
				F	U	W		177.27	179.73	2.46	452575	100	<0.03	150	94	2	<0.2
				F	U	W		179.73	182.19	2.46	452576	99	0.03	82	224	2	<0.2
				F	U	M		182.19	184.65	2.46	452577	96	0.06	195	96	<2	<0.2
184.65	185.26	0.61	VNZN	F	S	M	Vein Zone	184.65	185.26	0.61	452578	100	0.45	1190	38	20	<0.2
185.26	186.65	1.39	VNZN	F	S	S	Vein Zone	185.26	186.65	1.39	452579	97	2.52	1560	338	224	2.2
186.65	188.52	1.87	SKRN	F	K	W	Metasediments	186.65	188.52	1.87	452580	98	2.19	496	36	108	0.2
188.52	189.37	0.85	VNZN	F	S	S	Vein Zone	188.52	189.37	0.85	452581	99	0.09	1440	1460	42	1.4
189.37	190.60	1.23	PPFX	F	CH	W	Quartz-Feldspar Porphyry	189.37	190.60	1.23	452582	93	0.03	280	936	108	0.6
190.60	192.78	2.18	QZMZ	F	CH	W	Quartz Monzonite	190.60	192.78	2.18	452583	97	0.09	686	2510	28	0.2
192.78	196.78	4.00	GNIS	F	CH	S	Metasediments	192.78	194.78	2.00	452584	100	<0.03	191	140	6	<0.2
				F	CH	S		194.78	196.78	2.00	452585	100	0.03	173	164	<2	<0.2
196.78	210.33	13.55	GNIS	F	CH	W	Bi-Qz-Fx Gneiss and Quartz Monzonite	196.78	199.49	2.71	452586	100	<0.03	231	162	6	<0.2
				F	CH	W		199.49	202.20	2.71	452587	98	0.03	192	254	<2	<0.2
				F	CH	W		202.20	204.91	2.71	452588	99	<0.03	267	390	<2	<0.2
				F	CH	W		204.91	207.62	2.71	452589	100	<0.03	78	236	<2	<0.2
				F	CH	W		207.62	210.33	2.71	452590	99	0.06	209	92	20	<0.2
210.33	248.66	38.33	GNIS	F	U	W	Bi-Qz-Fx Gneiss	210.33	213.05	2.72	452591	99	0.12	250	120	<2	<0.2
				F	U	W		213.05	216.10	3.05	452592	97	0.06	146	120	30	<0.2
				F	U	W		216.10	219.15	3.05	452593	100	0.15	159	28	<2	<0.2
				F	U	W		219.15	222.20	3.05	452594	96	0.06	163	62	2	<0.2
				F	U	W		222.20	225.25	3.05	452595	95	0.09	258	70	<2	<0.2
				F	U	W		225.25	227.99	2.74	452596	100	0.03	336	18	<2	<0.2

1* Weathering (O=oxide, S=supergene, SC=supergene carbonates, SO=supergene oxide, SS=supergene sulphide, TR=transition, F=fresh)

2* Alteration (U=unaltered, CW=weathering clay, P=propylitic, CH=hypogene clay, K=k-feldspar, S=silicification) 3* Fractures (W=weak <10/m, M=moderate 10-40/m, S=strong >40/m)

Hole: DN01-04

2* Alteration (U=unaltered, CW=weathering clay, P=propylitic, CH=hypogene clay, K=k-feldspar, S=silicification) 3* Fractures (W=weak <10/m, M=moderate 10-40/m, S=strong >40/m)

SYNOPTIC LOG
GOLDEN REVENUE
ATAC RESOURCES LTD.

Hole: DN01-05 Property: Golden Revenue Section: _____

Easting: _____ Northing: _____ Elevation: _____ Depth: 285.90 Logger: T.C. Becker

Drilling Dates: Aug 17 - 22, 2001

Depth	Collar	
Azimuth	088°	
Dip	-50°	
Method	Compass	

Page 1 / 4

From (m)	To (m)	Interval (m)	Unit	1*	2*	3*	Comments	From (m)	To (m)	Interval (m)	Sample No.	REC %	Au (g/t)	Cu ppm	As ppm	Bi ppm	Ag ppm
0.00	3.96	3.96	OVBR				Overburden		3.96	3.96							
3.96	15.54	11.58	GNIS	O	CW	M	Altered Metasediments	3.96	7.01	3.05	P389631	69	<.03	81	160	8.0	0
				O	CW	M		7.01	10.06	3.05	P389632	100	<.03	129	134	6.0	1
				O	CW	M		10.06	13.12	3.06	P389633	98	0.06	153	32	2.0	0
				O	CW	M		13.12	15.54	2.42	P389634	99	0.09	116	34	12.0	1
15.54	19.97	4.43	GNIS	O	CW	M	Altered Metasediments	15.54	17.98	2.44	P389635	96	0.06	66	126	2.0	0
				O	CW	M		17.98	19.97	1.99	P389636	81	0.15	58	232	18.0	1
19.97	21.37	1.40	PPFX	O	CW	M	Quartz-Feldspar Porphyry	19.97	21.37	1.40	P389637	80	0.12	103	264	10.0	0
21.37	24.20	2.83	GNIS	O	CW	M	Altered Metasediments	21.37	24.20	2.83	P389638	77	0.09	70	98	6.0	<.2
24.20	27.13	2.93	GNIS	O	CW	M	Altered Metasediments	24.20	27.13	2.93	P389639	52	1.17	72	376	182.0	2
27.13	36.00	8.87	GNIS	O	CW	M	Altered Metasediments	27.13	29.57	2.44	P389640	86	0.09	245	346	8.0	<.2
				O	CW	M		29.57	32.92	3.35	P389641	93	0.45	317	1020	22.0	1
				O	CW	M		32.92	35.36	2.44	P389642	99	0.15	322	306	4.0	<.2
36.00	58.52	22.52	GNIS	TR	P	W	Qz-Mu-Bi Gneiss	35.36	38.40	3.04	P389643	100	0.15	445	190	14.0	<.2
				TR	P	W		38.40	41.45	3.05	P389644	97	0.45	216	692	6.0	<.2
				TR	P	W		41.45	44.50	3.05	P389645	100	0.06	83	88	<2	<.2
				TR	P	W		44.50	47.70	3.20	P389646	93	0.06	105	154	<2	<.2
				TR	P	W		47.70	50.29	2.59	P389647	98	0.24	119	98	<2	<.2
				TR	P	W		50.29	53.34	3.05	P389648	99	0.27	216	220	2.0	<.2
				TR	P	W		53.34	55.78	2.44	P389649	98	0.15	190	282	8.0	<.2
				TR	P	W		55.78	58.52	2.74	P389650	89	0.15	169	686	8.0	<.2
58.52	60.76	2.24	GNIS	TR	B	M	Bi Altered Metasediments	58.52	60.76	2.24	P389951	100	0.21	684	656	14.0	<.2
60.76	61.57	0.81	PPFX	O	CW	W	Quartz-Feldspar Porphyry	60.76	61.57	0.81	P389952	89	0.27	319	506	<2	<.2
61.57	66.25	4.68	GRAN	O	CW	M	Microgranite	61.57	63.91	2.34	P389953	98	0.63	897	>10000	8	1
66.25	84.65	18.40	GNIS	O	CW	M	Altered Metasediments	63.91	66.25	2.34	P389954	100	2.31	1580	>10000	16	1
				O	CW	M		66.25	68.88	2.63	P389955	99	0.54	252	1175	6	1
				O	CW	M		68.88	71.02	2.14	P389956	98	0.66	95	1040	8	1
				O	CW	M		71.02	73.76	2.74	P389957	94	0.42	105	2620	14	1
				O	CW	M		73.76	76.81	3.05	P389958	95	0.33	715	1530	12	1
				O	CW	M		76.81	79.42	2.61	P389959	98	0.30	623	>10000	64	0
				O	CW	M		79.42	82.03	2.61	P389960	95	0.15	237	888	<2	<.2

1* Weathering (O=oxide, S=supergene, SC=supergene carbonates, SO=supergene oxide, SS=supergene sulphide, TR=transition, F=fresh)

2* Alteration (U=unaltered, CW=weathering clay, P=propylitic, CH=hypogene clay, K=k-feldspar, S=silicification) 3* Fractures (W=weak <10/m, M=moderate 10-40/m, S=strong >40/m)

SYNOPTIC LOG
GOLDEN REVENUE
ATAC RESOURCES LTD.

Hole: DN01-05

Page 2 / 4

From (m)	To (m)	Interval (m)	Unit	1*	2*	3*	Comments	From (m)	To (m)	Interval (m)	Sample No.	REC %	Au (g/t)	Cu ppm	As ppm	Bi ppm	Ag ppm
				O	CW	M		82.03	84.65	2.62	P389961	95	0.18	173	346	<2	0
84.65	88.63	3.98	GNIS	F	U	M	Qz-Mu-Bi Gneiss with GRAN dykes	84.65	86.64	1.99	P389962	100	<.03	62	48	<2	<.2
				F	U	M		86.64	88.63	1.99	P389963	98	<.03	50	30	<2	<.2
88.63	90.10	1.47	GRAN	F	U	M	Microgranite	88.63	90.10	1.47	P389964	85	0.06	44	754	<2	<.2
90.10	91.81	1.71	GNIS	F	S	M	Qz-Fx-Bi Gneiss	90.10	91.81	1.71	P389965	100	0.30	55	60	<2	<.2
91.81	93.53	1.72	GRAN	F	U	M	Microgranite	91.81	93.53	1.72	P389966	100	<.03	70	12	<2	<.2
93.53	97.11	3.58	GNIS	F	S	S	Qz-Fx-Bi Gneiss	93.53	95.32	1.79	P389967	97	<.03	97	14	<2	<.2
				F	S	S		95.32	97.11	1.79	P389968	100	0.12	197	1990	4.0	<.2
97.11	102.11	5.00	GNIS	F	CH	M	Qz-Fx-Bi Gneiss	97.11	99.61	2.50	P389969	90	0.03	123	28	<2	<.2
				F	CH	M		99.61	102.11	2.50	P389970	100	0.03	97	170	2.0	<.2
102.11	106.15	4.04	GNIS	F	U	W	Qz-Fx-Bi Gneiss	102.11	104.13	2.02	P389971	99	0.09	91	182	<2	<.2
				F	U	W		104.13	106.15	2.02	P389972	99	0.21	97	758	<2	<.2
106.15	112.57	6.42	GRAN	F	U	M	Microgranite	106.15	108.29	2.14	P389973	99	0.18	96	524	2.0	<.2
				F	U	M		108.29	110.43	2.14	P389974	100	0.27	167	274	4.0	<.2
				F	U	M		110.43	112.57	2.14	P389975	94	0.18	432	274	8.0	<.2
112.57	120.76	8.19	GNIS	F	U	S	Qz-Fx-Bi Gneiss	112.57	115.30	2.73	P389976	99	0.18	208	374	10.0	<.2
				F	U	S		115.30	118.03	2.73	P389977	82	0.06	259	150	12.0	<.2
				F	U	S		118.03	120.76	2.73	P389978	92	0.45	322	86	8.0	0
120.76	123.30	2.54	GNIS	F	CH	M	Qz-Fx-Bi Gneiss	120.76	123.30	2.54	P389979	97	<.03	123	74	2.0	<.2
123.30	150.75	27.45	GNIS	F	P	M	Qz-Fx-Bi Gneiss	123.30	126.35	3.05	P389980	93	0.39	269	50	<2	<.2
				F	P	M		126.35	129.40	3.05	P389981	94	0.03	97	62	<2	<.2
				F	P	M		129.40	132.45	3.05	P389982	96	0.06	295	38	<2	<.2
				F	P	M		132.45	135.50	3.05	P389983	70	0.24	364	94	6.0	<.2
				F	P	M		135.50	138.55	3.05	P389984	84	0.21	241	208	6	<.2
				F	P	M		138.55	141.60	3.05	P389985	97	0.09	162	6	12	<.2
				F	P	M		141.60	144.65	3.05	P389986	98	0.21	148	68	4	<.2
				F	P	M		144.65	147.70	3.05	P389987	93	0.21	124	226	<2	<.2
				F	P	M		147.70	150.75	3.05	P389988	100	0.90	324	1285	10	<.2
150.75	155.51	4.76	GNIS	F	CH	M	Qz-Fx-Bi Gneiss	150.75	153.13	2.38	P389989	99	1.68	569	2350	28	1
				F	CH	M		153.13	155.51	2.38	P389990	95	0.27	252	2260	16	0
155.51	157.72	2.21	GRAN	F	CH	S	Microgranite	155.51	157.72	2.21	P389991	93	0.27	103	308	6	<.2

1* Weathering (O=oxide, S=supergene, SC=supergene carbonates, SO=supergene oxide, SS=supergene sulphide, TR=transition, F=fresh)

2* Alteration (U=unaltered, CW=weathering clay, P=propylitic, CH=hypogene clay, K=k-feldspar, S=silicification) 3* Fractures (W=weak <10/m, M=moderate 10-40/m, S=strong >40/m)

SYNOPTIC LOG
GOLDEN REVENUE
ATAC RESOURCES LTD.

Hole: DN01-05

Page 3 / 4

From (m)	To (m)	Interval (m)	Unit	1*	2*	3*	Comments	From (m)	To (m)	Interval (m)	Sample No.	REC %	Au (g/t)	Cu ppm	As ppm	Bi ppm	Ag ppm
157.72	163.96	6.24	GNIS	F	CH	M	Qz-Fx-Bi Gneiss	157.72	159.80	2.08	P389992	93	0.24	114	74	6	<.2
				F	CH	M		159.80	161.88	2.08	P389993	98	0.18	131	20	<2	<.2
				F	CH	M		161.88	163.96	2.08	P389994	95	0.09	313	28	6.0	<.2
163.96	166.30	2.34	GRAN	F	P	M	Microgranite	163.96	166.30	2.34	P389995	100	0.03	86	82	<2	<.2
166.30	192.15	25.85	GNIS	F	P	M	Qz-Fx-Bi Gneiss	166.30	168.95	2.65	P389996	96	0.06	97	38	<2	<.2
				F	P	M		168.95	172.00	3.05	P389997	100	0.27	317	38	2.0	<.2
				F	P	M		172.00	175.05	3.05	P389998	98	<.03	169	6	<2	<.2
				F	P	M		175.05	178.10	3.05	P389999	98	0.06	208	196	<2	<.2
				F	P	M		178.10	181.15	3.05	P390000	100	<.03	65	36	<2	<.2
				F	P	M		181.15	184.20	3.05	P390001	97	<.03	70	<2	<2	<.2
				F	P	M		184.20	187.25	3.05	P390002	99	<.03	74	2	<2	<.2
				F	P	M		187.25	190.30	3.05	P390003	98	<.03	44	4	<2	<.2
				F	P	M		190.30	192.15	1.85	P390004	99	0.06	82	12	<2	<.2
192.15	199.02	6.87	GBRO	F	U	W	Gabbro	192.15	194.44	2.29	P390005	100	0.03	74	<2	<2	<.2
				F	U	W		194.44	196.73	2.29	P390006	96	0.03	47	6	<2	<.2
				F	U	W		196.73	199.02	2.29	P390007	91	0.03	93	38	<2	<.2
199.02	207.87	8.85	GNIS	F	CH	W	Altered Metasediments	199.02	201.97	2.95	P390008	90	<.03	87	308	<2	<.2
				F	CH	W		201.97	204.92	2.95	P390009	92	<.03	62	82	<2	<.2
				F	CH	W		204.92	207.87	2.95	P390010	87	<.03	44	100	<2	<.2
207.87	212.01	4.14	GNIS	F	CH	W	Qz-Fx-Bi Gneiss	207.87	209.94	2.07	P390011	95	<.03	47	42	<2	<.2
				F	CH	W		209.94	212.01	2.07	P390012	99	<.03	218	38	<2	<.2
212.01	216.79	4.78	GRAN	F	CH	W	Microgranite	212.01	214.40	2.39	P390013	94	0.06	81	8	<2	<.2
				F	CH	W		214.40	216.79	2.39	P390014	100	0.21	115	10	2.0	<.2
216.79	220.31	3.52	GNIS	F	P	M	Qz-Fx-Bi Gneiss	216.79	218.55	1.76	P390015	95	0.12	117	14	<2	<.2
				F	P	M		218.55	220.31	1.76	P390016	100	0.06	130	16	<2	<.2
220.31	223.85	3.54	GNIS	F	CH	M	Altered Metasediments	220.31	222.08	1.77	P390017	98	0.06	117	980	<2	0
				F	CH	M		222.08	223.85	1.77	P390018	100	0.24	188	88	4	0
223.85	224.69	0.84	VNZN	F	S	S	Vein Zone and Qz-Fx Porphyry	223.85	224.69	0.84	P390019	100	0.63	474	>10000	48	1
224.69	226.50	1.81	GNIS	F	CH	M	Alt'd GNIS and Qz-Fx Porphyry	224.69	226.50	1.81	P390020	93	0.15	86	280	8	<.2
226.50	228.53	2.03	GRAN	F	CH	M	Microgranite	226.50	228.53	2.03	P390021	99	0.06	50	240	<2	<.2
228.53	230.25	1.72	VNZN	F	S	S	Vein Zone and Qz-Fx Porphyry	228.53	230.25	1.72	P390022	100	0.03	147	34	<2	<.2

1* Weathering (O=oxide, S=supergene, SC=supergene carbonates, SO=supergene oxide, SS=supergene sulphide, TR=transition, F=fresh)

2* Alteration (U=unaltered, CW=weathering clay, P=propylitic, CH=hypogene clay, K=k-feldspar, S=silicification) 3* Fractures (W=weak <10/m, M=moderate 10-40/m, S=strong >40/m)

SYNOPTIC LOG
GOLDEN REVENUE
ATAC RESOURCES LTD.

Hole: DN01-05

Page 4 / 4

From (m)	To (m)	Interval (m)	Unit	1*	2*	3*	Comments	From (m)	To (m)	Interval (m)	Sample No.	REC %	Au (g/t)	Cu ppm	As ppm	Bi ppm	Ag ppm
230.25	245.05	14.80	GNIS	F	U	W	Qz-Fx-Bi Gneiss	230.25	233.21	2.96	P390023	99	0.15	225	30	<2	<2
								233.21	236.17	2.96	P390024	100	0.87	105	18	26.0	<2
								236.17	239.13	2.96	P390025	96	<.03	81	10	<2	<2
								239.13	242.09	2.96	P390026	99	0.30	78	6	12.0	<2
								242.09	245.05	2.96	P390027	100	0.03	27	22	<2	<2
245.05	248.35	3.30	PPFX	F	U	M	Qz-Fx Porphyry	245.05	248.35	3.30	P390028	96	0.03	126	58	<2	<2
248.35	251.15	2.80	GNIS	F	CH	M	Altered Metasediments	248.35	251.15	2.80	P390029	91	0.09	205	196	6.0	<2
251.15	260.51	9.36	GNIS	F	U	W	Qz-Fx-Bi Gneiss	251.15	253.49	2.34	P390030	96	0.54	354	20	12.0	0
				F	U	W		253.49	255.83	2.34	P390031	99	0.09	271	24	<2	<2
				F	U	W		255.83	258.17	2.34	P390032	94	0.15	181	20	14.0	<2
				F	U	W		258.17	260.51	2.34	P390033	100	0.15	602	10	50.0	1
260.51	264.57	4.06	GNIS	F	CH	M	Altered Metasediments	260.51	262.63	2.12	P390034	100	1.59	295	130	148.0	0
				F	CH	M		262.63	264.57	1.94	P390035	98	0.06	277	64	10.0	0
264.57	265.95	1.38	QZMZ	F	CH	M	Altered Quartz Monzonite	264.57	265.95	1.38	P390036	100	0.03	178	230	8.0	<2
265.95	270.77	4.82	GNIZ	F	CH	S	Altered Metasediments	265.95	268.36	2.41	P390037	99	0.24	252	470	<2	0
				F	CH	S		268.36	270.77	2.41	P390038	100	0.15	275	580	6.0	0
270.77	271.97	1.20	VNZN	F	S	S	Vein Zone	270.77	271.97	1.20	P390039	100	2.55	887	74	54.0	2
271.97	275.83	3.86	GNIS	F	B	M	Qz-Fx-Bi Gneiss	271.97	273.90	1.93	P390040	91	0.12	246	362	<2	<2
				F	B	M		273.90	275.83	1.93	P390041	100	0.06	276	240	<2	<2
275.83	277.70	1.87	VNZN	F	S	M	Vein Zone / Intrusive Dyke	275.83	277.70	1.87	P390042	100	0.03	220	36	4.0	<2
277.70	279.40	1.70	GNIS	F	B	M	Qz-Fx-Bi Gneiss	277.70	279.40	1.70	P390043	99	0.06	262	36	<2	<2
279.40	282.46	3.06	VNZN	F	S	M	Vein Zone / Intrusive Dyke	279.40	282.46	3.06	P390044	100	0.15	149	10	<2	<2
282.46	285.90	3.44	GNIS	F	B	M	Qz-Fx-Bi Gneiss	282.46	284.30	1.84	P390045	97	0.03	192	6	<2	<2
				F	B	M		284.30	285.90	1.60	P390046	100	0.03	118	2	<2	<2
	EOH								EOH								

1* Weathering (O=oxide, S=supergene, SC=supergene carbonates, SO=supergene oxide, SS=supergene sulphide, TR=transition, F=fresh)

2* Alteration (U=unaltered, CW=weathering clay, P=propylitic, CH=hypogene clay, K=k-feldspar, S=silicification) 3* Fractures (W=weak <10/m, M=moderate 10-40/m, S=strong >40/m)

SYNOPTIC LOG
GOLDEN REVENUE
 ATAC RESOURCES LTD.

Hole: DN01-06 Property: Golden Revenue Section:

Depth	Collar	
Azimuth	088°	
Dip	-50°	
Method	Compass	

Page 1 / 2

Easting: Northing: Elevation: Depth: 170.08
 Logger: T.C. Becker
 Drilling Dates: Aug 22 - 24, 2001

From (m)	To (m)	Interval (m)	Unit	1*	2*	3*	Comments	From (m)	To (m)	Interval (m)	Sample No.	REC %	Au (g/t)	Cu ppm	As ppm	Bi ppm	Ag ppm
0.00	3.96	3.96	OVBR				Overburden	0.00	3.96	3.96							
3.96	16.15	12.19	GNIS	O	CW	M	Altered Gneiss	3.96	7.01	3.05	P390047	90	<.03	179	48	2.0	<.2
				O	CW	M		7.01	10.06	3.05	P390048	84	0.09	339	96	10.0	<.2
				O	CW	M		10.06	13.11	3.05	P390049	89	<.03	125	172	2.0	0
				O	CW	M		13.11	16.15	3.04	P390050	84	<.03	217	332	<2	<.2
16.15	40.54	24.39	GNIS	O	CW	M	Altered Gneiss	16.15	19.20	3.05	P390051	96	<.03	173	152	2.0	<.2
				O	CW	M		19.20	22.25	3.05	P390052	85	0.15	320	56	<2	0
				O	CW	M		22.25	25.30	3.05	P390053	83	0.06	252	44	<2	<.2
				O	CW	M		25.30	28.35	3.05	P390054	93	0.15	568	84	30.0	1
				O	CW	M		28.35	31.39	3.04	P390055	95	0.06	581	70	18.0	0
				O	CW	M		31.39	34.44	3.05	P390056	99	0.42	484	130	8.0	0
				O	CW	M		34.44	37.49	3.05	P390057	98	0.24	570	382	12.0	1
				O	CW	M		37.49	40.54	3.05	P390058	95	0.15	1260	74	26.0	1
40.54	55.78	15.24	GNIS	O	CW	M	Altered Gneiss	40.54	43.59	3.05	P390059	97	0.12	413	76	24.0	0
				O	CW	M		43.59	46.63	3.04	P390060	90	0.06	280	340	8.0	0
				O	CW	M		46.63	49.68	3.05	P390061	94	0.12	903	104	<2	<.2
				O	CW	M		49.68	52.73	3.05	P390062	93	0.15	247	266	28.0	1
				O	CW	M		52.73	55.78	3.05	P390063	92	0.03	360	106	6.0	<.2
55.78	68.54	12.76	GNIS	TR	CW	W	Qz-Fx-Bi Gneiss	55.78	58.83	3.05	P390064	93	0.06	429	210	<2	<.2
				TR	CW	W		58.83	61.72	2.89	P390065	99	0.15	494	1860	6.0	1
				TR	CW	W		61.72	64.92	3.20	P390066	91	0.06	827	186	<2	<.2
				TR	CW	W		64.92	68.54	3.62	P390067	100	0.15	1390	152	2.0	<.2
68.54	74.14	5.60	GRAN	TR	CW	W	Microgranite	68.54	71.34	2.80	P390068	90	0.06	849	328	8.0	<.2
				TR	CW	W		71.34	74.14	2.80	P390069	91	<.03	873	590	18	<.2
74.14	81.97	7.83	GNIS	H	CW	W	Qz-Fx-Bi Gneiss	74.14	76.75	2.61	P390070	100	0.48	193	18	8	<.2
				H	CW	W		76.75	79.36	2.61	P390071	100	0.18	118	22	8	<.2
				H	CW	W		79.36	81.97	2.61	P390072	97	0.33	224	4	2	<.2
81.97	84.53	2.56	GRAN	H	CW	W	Microgranite	81.97	84.53	2.56	P390073	98	0.15	123	10	4	<.2
84.53	99.67	15.14	SCHT	H	U	W	Chlorite Schist	84.53	87.78	3.25	P390074	92	0.03	82	26	<2	<.2
				H	U	W		87.78	90.83	3.05	P390075	100	0.09	266	<2	<2	0
				H	U	W		90.83	93.88	3.05	P390076	99	0.03	92	<2	<2	<.2

1* Weathering (O=oxide, S=supergene, SC=supergene carbonates, SO=supergene oxide, SS=supergene sulphide, TR=transition, F=fresh)

2* Alteration (U=unaltered, CW=weathering clay, P=propylitic, CH=hypogene clay, K=k-feldspar, S=silicification) 3* Fractures (W=weak <10/m, M=moderate 10-40/m, S=strong >40/m)

SYNOPTIC LOG
GOLDEN REVENUE
 ATAC RESOURCES LTD.

Hole: DN01-06

Page 2 / 2

From (m)	To (m)	Interval (m)	Unit	1*	2*	3*	Comments	From (m)	To (m)	Interval (m)	Sample No.	REC %	Au (g/t)	Cu ppm	As ppm	Bi ppm	Ag ppm
				H	U	W		93.88	96.93	3.05	P390077	99	0.12	132	4	<2	<.2
				H	U	W		96.93	99.67	2.74	P390078	82	0.24	194	22	4.0	<.2
99.67	100.60	0.93	GRAN	H	U	W	Microgranite	99.67	102.08	2.41	P390079	83	0.24	429	100	56.0	1
100.60	102.08	1.48	GNIS	H	CH	M	Qz-Fx-Bi Gneiss	102.08	104.50	2.42	P390080	100	0.06	172	14	<2	<.2
102.08	103.60	1.52	GRAN	H	CH	S	Microgranite	104.50	107.55	3.05	P390081	100	0.48	434	44	10.0	<.2
103.60	107.55	3.95	GNIS	H	CH	M	Qz-Fx-Bi Gneiss	107.55	109.80	2.25	P390082	89	1.02	1310	778	28.0	0
107.55	109.80	2.25	VNZN	H	S	S	Vein Zone / Porphyry Dyke	109.80	111.89	2.09	P390083	90	0.51	1705	734	48.0	<.2
109.80	113.98	4.18	GNIS	H	CH	S	Strongly Altered Gneiss	111.89	113.98	2.09	P390084	99	0.51	1900	158	76.0	2
113.98	120.55	6.57	PPFX	H	CH	M	Porphyry Dyke	113.98	116.17	2.19	P390085	94	0.30	584	318	38.0	0
				H	CH	M		116.17	118.36	2.19	P390086	93	0.18	265	34	2.0	<.2
				H	CH	M		118.36	120.55	2.19	P390087	100	0.06	343	28	2.0	0
120.55	123.75	3.20	GNIS	H	CH	M	Altered Qz-Fx-Bi Gneiss	120.55	123.75	3.20	P390088	100	3.75	822	60	54.0	1
123.75	126.25	2.50	GNIS	H	CH	M	Strongly Altered Gneiss	123.75	126.25	2.50	P390089	100	0.75	832	150	16.0	0
126.25	135.17	8.92	VNZN	H	S	M	Vein Zone	126.25	128.48	2.23	P390090	100	0.51	2530	280	4.0	2
				H	S	M		128.48	130.71	2.23	P390091	97	0.06	2080	344	2.0	1
				H	S	M		130.71	132.94	2.23	P390092	95	0.09	2140	600	2.0	1
				H	S	M		132.94	135.17	2.23	P390093	97	0.12	1455	262	2.0	1
135.17	140.79	5.62	GNIS	H	CH	M	Altered Qz-Fx-Bi Gneiss and QZMZ	135.17	137.98	2.81	P390094	100	0.54	1170	122	40.0	1
				H	CH	M		137.98	140.79	2.81	P390095	97	0.06	605	126	10.0	<.2
140.79	145.91	5.12	VNZN	H	CH	M	Vein Zone	140.79	143.35	2.56	P390096	99	0.15	2260	272	16.0	0
				H	CH	M		143.35	145.91	2.56	P390097	97	0.18	879	136	12.0	<.2
145.91	151.49	5.58	GNIS	H	CH	M	Altered Gneiss and QZMZ	145.91	148.70	2.79	P390098	97	0.21	270	164	2.0	<.2
				H	CH	M		148.70	151.49	2.79	P390099	98	0.09	303	292	8.0	<.2
151.49	163.98	12.49	GNIS	H	P	W	Qz-Fx-Bi Gneiss	151.49	154.53	3.04	P390100	99	<.03	131	162	2	<.2
				H	P	W		154.53	157.73	3.20	P390101	100	0.06	414	100	10	0
				H	P	W		157.73	160.93	3.20	P390102	98	0.21	254	72	38	<.2
				H	P	W		160.93	163.98	3.05	P390103	100	0.18	235	62	2	<.2
163.98	167.03	3.05	GNIS	H	U	W	Qz-Fx-Bi Gneiss	163.98	167.03	3.05	P390104	98	0.48	469	332	8	<.2
167.03	170.08	3.05	GNIS	H	U	W	Qz-Fx-Bi Gneiss	167.03	170.08	3.05	P390105	99	0.27	306	22	2	<.2
	EOH								EOH								

1* Weathering (O=oxide, S=supergene, SC=supergene carbonates, SO=supergene oxide, SS=supergene sulphide, TR=transition, F=fresh)

2* Alteration (U=unaltered, CW=weathering clay, P=propylitic, CH=hypogene clay, K=k-feldspar, S=silicification) 3* Fractures (W=weak <10/m, M=moderate 10-40/m, S=strong >40/m)

SYNOPTIC LOG
GOLDEN REVENUE

ATAC RESOURCES LTD.

Hole: DN91-01 Property: Golden Revenue Section: 6,913,570 N

Easting: Northing: Elevation: Depth: 128.63 m Logger: M. Phillips

Drilling Dates: May 25 - 28, 1991

Depth	Collar	128.63 m
Azimuth	090°	
Dip	-70°	-72°
Method	Compass	Acid

Page 1 / 2

From (m)	To (m)	Interval (m)	Unit	1*	2*	3*	Comments	From (m)	To (m)	Interval (m)	Sample No.	REC %	Au (g/t)	Cu ppm			
0.00	3.60	3.60	OVBR					0.00	3.66	3.66							
3.60	12.04	8.44	QZMZ	O	CW	W		3.66	6.40	2.74	T19223	97	0.03	100			
				O	CW	W		6.40	9.60	3.20	T19224	100	0.14	100			
				O	CW	W		9.60	12.80	3.20	T19225	75	0.07	100			
12.04	15.90	3.86	GNIS	O	CW	W		12.80	15.84	3.04	T19226	90	0.17	300			
15.90	42.00	26.10	GNIS	O	CW	W	common QZMZ bands up to 1.3 m wide	15.84	18.59	2.75	T19227	100	0.10	400			
				O	CW	W		18.59	21.95	3.36	T19228	98	0.24	500			
				O	CW	W		21.95	24.99	3.04	T19229	98	0.21	400			
				O	CW	W		24.99	28.04	3.05	T19230	100	0.34	400			
				O	CW	W		28.04	31.09	3.05	T19231	100	0.31	500			
				O	CW	W		31.09	34.13	3.04	T19232	100	0.62	300			
				O	CW	W		34.13	37.18	3.05	T19233	96	0.07	500			
				O	CW	W		37.18	40.23	3.05	T19234	100	0.21	600			
42.00	73.05	31.05	GNIS	F	U	W		40.23	43.28	3.05	T19235	100	0.51	700			
				F	U	W		43.28	46.85	3.57	T19236	100	0.31	500			
				F	U	W		46.85	49.36	2.51	T19237	100	0.58	400			
				F	U	W		49.36	52.43	3.07	T19238	100	1.13	300			
				F	U	W		52.43	55.47	3.04	T19239	100	0.21	300			
				F	U	W		55.47	58.48	3.01	T19240	100	0.17	400			
				F	U	W		58.48	61.57	3.09	T19241	100	0.79	400			
				F	U	W		61.57	64.58	3.01	T19242	100	0.86	500			
				F	U	W		64.58	67.67	3.09	T19243	100	0.41	400			
				F	U	W		67.67	70.71	3.04	T19244	100	0.14	700			
				F	U	W		70.71	73.76	3.05	T19245	100	<0.3	300			
73.05	78.70	5.65	QZMZ	F	U	W		73.76	76.76	3.00	T19246	100	0.03	400			
				F	U	W		76.76	79.86	3.10	T19247	100	0.07	400			
78.70	83.53	4.83	GNIS	F	U	W		79.86	82.86	3.00	T19248	96	0.07	700			
83.53	85.28	1.75	QZMZ	F	U	W		82.86	85.95	3.09	T19249	97	0.31	800			
85.28	88.60	3.32	GNIS	F	U	W		85.95	89.00	3.05	T19250	100	0.07	500			
88.60	95.00	6.40	GRAN	F	U	W		89.00	92.04	3.04	T19251	100	0.31	700			
				F	U	W		92.04	95.10	3.06	T19252	100	0.03	600			

1* Weathering (O=oxide, S=supergene, SC=supergene carbonates, SO=supergene oxide, SS=supergene sulphide, TR=transition, F=fresh)

2* Alteration (U=unaltered, CW=weathering clay, P=propylitic, CH=hypogene clay, K=k-feldspar, S=silicification) 3* Fractures (W=weak <10/m, M=moderate 10-40/m, S=strong >40/m)

SYNOPTIC LOG
GOLDEN REVENUE
ATAC RESOURCES LTD.

Hole: DN91-01

Page 2 / 2

[illegible]

1* Weathering (O=oxide, S=supergene, SC=supergene carbonates, SO=supergene oxide, SS=supergene sulphide, TR=transition, F=fresh)

2* Alteration (U=unaltered, CW=weathering clay, P=propylitic, CH=hypogene clay, K=k-feldspar, S=silicification) 3* Fractures (W=weak <10/m, M=moderate 10-40/m, S=strong >40/m)

SYNOPTIC LOG
GOLDEN REVENUE
ATAC RESOURCES LTD.

Hole: DN91-02 Property: Golden Revenue Section: 6,913,750 N
Easting: Northing: Elevation: Depth: 151.18 m Logger: M. Phillips
Drilling Dates: May 28 - June 1, 1991

Depth	Collar	151.18 m
Azimuth	090°	
Dip	-70°	-70°
Method	Compass	Acid

Page 1 / 2

From (m)	To (m)	Interval (m)	Unit	1*	2*	3*	Comments	From (m)	To (m)	Interval (m)	Sample No.	REC %	Au (g/t)	Cu ppm			
0.00	4.27	4.27	OVBR					0.00	4.57	4.57							
4.27	49.88	45.61	GNIS	O	CW	W		4.57	7.47	2.90	T19264	89	0.14	400			
				O	CW	W		7.47	11.13	3.66	T19265	95	1.99	400			
				O	CW	W		11.13	14.70	3.57	T19266	68	0.27	400			
				O	CW	W		14.70	17.53	2.83	T19267	78	2.26	300			
				O	CW	W		17.53	20.12	2.59	T19268	74	0.99	300			
				O	CW	W		20.12	23.16	3.04	T19269	95	1.06	500			
				O	CW	W		23.16	26.21	3.05	T19270	74	0.21	400			
				O	CW	W		26.21	29.04	2.83	T19271	97	0.17	300			
				O	CW	W		29.04	32.31	3.27	T19272	98	0.62	300			
				O	CW	W		32.31	35.36	3.05	T19273	94	1.30	300			
				O	CW	W		35.36	38.40	3.04	T19274	100	0.45	300			
				O	CW	W		38.40	41.76	3.36	T19275	99	0.38	400			
				O	CW	W		41.76	44.61	2.85	T19276	100	0.45	500			
				O	CW	W	increased quartz veining toward contact	44.61	48.82	4.21	T19277	100	0.86	300			
49.88	54.35	4.47	PPFX	O	CW	W		48.82	52.88	4.06	T19278	96	1.03	200			
				O	CW	W		52.88	55.73	2.85	T19279	99	0.48	100			
54.35	68.30	13.95	GNIS	O	CW	W		55.73	58.52	2.79	T19280	100	0.65	200			
				O	CW	W		58.52	60.69	2.17	T19281	100	0.72	200			
				O	CW	W		60.69	64.62	3.93	T19282	98	0.10	100			
				O	CW	W		64.62	67.66	3.04	T19283	97	0.14	100			
68.30	75.05	6.75	GRAN	O	CW	W		67.66	70.71	3.05	T19284	97	0.14	100			
				O	CW	W		70.71	73.07	2.36	T19285	98	0.10	<0.01			
				O	CW	W		73.07	76.39	3.32	T19286	98	0.99	<0.01			
75.05	84.57	9.52	GNIS	O	CW	W		76.39	79.86	3.47	T19287	99	1.95	300			
				O	CW	W		79.86	82.91	3.05	T19288	98	1.37	600			
				O	CW	W		82.91	85.65	2.74	T19289	100	1.30	200			
84.57	118.35	33.78	BRXX	O	CW	S	breccia zone at very low angle to core axis	85.65	87.09	1.44	T19290	99	0.07	100			
				O	CW	S		87.09	89.82	2.73	T19291	94	0.03	100			
				O	CW	S		89.82	92.05	2.23	T19292	96	8.90	600			
				O	CW	S		92.05	95.10	3.05	T19293	100	1.03	400			

1* Weathering (O=oxide, S=supergene, SC=supergene carbonates, SO=supergene oxide, SS=supergene sulphide, TR=transition, F=fresh)

2* Alteration (U=unaltered, CW=weathering clay, P=propylitic, CH=hypogene clay, K=k-feldspar, S=silicification) 3* Fractures (W=weak <10/m, M=moderate 10-40/m, S=strong >40/m)

SYNOPTIC LOG
GOLDEN REVENUE
ATAC RESOURCES LTD.

Hole: DN91-02

Page 2 / 2

[illegible]

1* Weathering (O=oxide, S=supergene, SC=supergene carbonates, SO=supergene oxide, SS=supergene sulphide, TR=transition, F=fresh)

2* Alteration (U=unaltered, CW=weathering clay, P=propylitic, CH=hypogene clay, K=k-feldspar, S=silicification) 3* Fractures (W=weak <10/m, M=moderate 10-40/m, S=strong >40/m)

SYNOPTIC LOG
GOLDEN REVENUE

ATAC RESOURCES LTD.

Hole: DN91-03 Property: Golden Revenue Section: 6,913,610 N

Easting: Northing: Elevation: Depth: Logger: M. Phillips

Drilling Dates: June 1 - 4, 1991

Depth	Collar	
Azimuth	090°	
Dip	-70°	
Method	Compass	

Page 1 / 2

From (m)	To (m)	Interval (m)	Unit	1*	2*	3*	Comments	From (m)	To (m)	Interval (m)	Sample No.	REC %	Au (g/t)	Cu ppm			
0.00	7.62	7.62	OVBR					0.00	7.92	7.92	T19313	7	0.03	100			
7.62	13.35	5.73	GNIS	O	CW	W		7.92	10.82	2.90	T19314	100	0.10	200			
				O	CW	W		10.82	13.72	2.90	T19315	81	0.27	300			
13.35	16.46	3.11	PPFX	O	CW	W		13.72	17.07	3.35	T19316	78	0.10	200			
16.46	51.50	35.04	GNIS	O	CW	W		17.07	20.12	3.05	T19317	82	0.51	300			
				O	CW	W		20.12	23.63	3.51	T19318	82	0.14	200			
				O	CW	W		23.63	26.92	3.29	T19319	83	0.03	300			
				O	CW	W		26.92	29.87	2.95	T19320	100	3.63	100			
				O	CW	W		29.87	32.90	3.03	T19321	99	0.03	100			
				O	CW	W		32.90	35.51	2.61	T19322	99	<0.3	200			
				O	CW	W		35.51	38.56	3.05	T19323	100	0.03	100			
				O	CW	W		38.56	41.68	3.12	T19324	100	0.03	100			
				O	CW	W		41.68	44.76	3.08	T19325	100	0.03	300			
				O	CW	W		44.76	47.86	3.10	T19326	100	0.14	200			
				O	CW	W	50.15-50.30 m PPFX dyke	47.86	50.90	3.04	T19327	100	0.62	200			
51.50	58.00	6.50	SKRN	O	CW	W	51.93-52.55 m magnetite skarn	50.90	53.95	3.05	T19328	100	1.13	300			
				O	CW	W	54.60-54.70 m PPFX dyke	53.95	57.00	3.05	T19329	100	0.51	900			
58.00	67.00	9.00	GNIS	O	CW	W		57.00	60.05	3.05	T19330	100	0.10	500			
				O	CW	W		60.05	63.09	3.04	T19331	100	0.14	400			
				O	CW	W		63.09	66.14	3.05	T19332	100	0.07	700			
67.00	70.37	3.37	GRAN	O	CW	W		66.14	69.19	3.05	T19333	97	0.17	900			
70.37	75.28	4.91	GNIS	SS	CW	W		69.19	73.25	4.06	T19334	100	0.62	1100			
				SS	CW	W	74.2 m, 20 cm band of quartz flooding	73.25	76.81	3.56	T19335	100	0.31	1900			
75.28	83.44	8.16	PPFX	SS	CW	W		76.81	79.86	3.05	T19336	100	0.03	1100			
				SS	CW	W		79.86	82.88	3.02	T19337	100	0.07	1300			
83.44	88.40	4.96	GNIS	SS	CW	W		82.88	85.93	3.05	T19338	100	0.50	1500			
				SS	CW	W		85.93	88.97	3.04	T19339	100	0.69	700			
88.40	91.50	3.10	PPFX	SS	CW	W		88.97	91.00	2.03	T19340	100	0.99	1900			
91.50	98.85	7.35	GNIS	TR	CW	W		91.00	94.04	3.04	T19341	100	0.86	1700			
				TR	CW	W		94.04	97.09	3.05	T19342	100	0.38	400			
98.85	100.30	1.45	QZMZ	TR	CW	W		97.09	100.13	3.04	T19343	100	0.45	400			

1* Weathering (O=oxide, S=supergene, SC=supergene carbonates, SO=supergene oxide, SS=supergene sulphide, TR=transition, F=fresh)

2* Alteration (U=unaltered, CW=weathering clay, P=propylitic, CH=hypogene clay, K=k-feldspar, S=silicification) 3* Fractures (W=weak <10/m, M=moderate 10-40/m, S=strong >40/m)

SYNOPTIC LOG
GOLDEN REVENUE
ATAC RESOURCES LTD.

Hole: DN91-03

Page 2 / 2

[illegible]

1* Weathering (O=oxide, S=supergene, SC=supergene carbonates, SO=supergene oxide, SS=supergene sulphide, TR=transition, F=fresh)

2* Alteration (U=unaltered, CW=weathering clay, P=propylitic, CH=hypogene clay, K=k-feldspar, S=silicification) 3* Fractures (W=weak <10/m, M=moderate 10-40/m, S=strong >40/m)

SYNOPTIC LOG
GOLDEN REVENUE
ATAC RESOURCES LTD.

Hole: DN91-04 Property: Golden Revenue Section:

Page 1 / 2

Easting: Northing: Elevation: Depth: 131.37 m
Drilling Dates: June 1 - 4, 1991
M. Phillips

From (m)	To (m)	Interval (m)	Unit	1*	2*	3*	Comments	From (m)	To (m)	Interval (m)	Sample No.	REC %	Au (g/t)	Cu ppm
0.00	6.10	6.10	OVRB					0.00	6.40	6.40				
6.10	15.90	9.80	GNIS	O	CW	M	9.60-9.65 m quartz vein	6.40	9.75	3.35	T19658	50	0.65	200
				O	CW	W		9.75	13.41	3.66	T19659	90	0.38	200
				O	CW	W	13.51 m 4 cm vein, 13.55-14.57 m PPF	13.41	16.43	3.02	T19660	91	1.47	100
15.90	19.15	3.25	QZMZ	TR	CW	M	19.40-19.60 m fracture/fault zone	16.43	19.96	3.53	T19661	100	0.69	200
19.15	34.14	14.99	GNIS	TR	CW	W	20.15-21.90 m QZMZ	19.96	23.24	3.28	T19662	98	0.48	300
				F	U	W		23.24	26.52	3.28	T19663	99	0.45	700
				F	U	M	increase in quartz veins with pyrite all <2 mm	26.52	29.57	3.05	T19664	99	1.54	1200
				F	U	M		29.57	32.61	3.04	T19665	85	1.23	1200
34.14	37.10	2.96	QZMZ	F	U	W		32.61	35.75	3.14	T19666	100	0.34	800
37.10	47.80	10.70	GNIS	F	U	W		35.75	38.71	2.96	T19667	100	0.14	300
				F	U	W	37.10-43.00 m weakly skarnified	38.71	41.76	3.05	T19668	100	0.21	300
				F	U	W		41.76	45.00	3.24	T19669	95	0.10	100
47.80	49.90	2.10	QZMZ	F	U	W		45.00	48.06	3.06	T19670	96	0.07	200
49.90	57.30	7.40	AMPH	F	U	W		48.06	51.44	3.38	T19671	100	0.27	300
				F	U	W	51.45-51.83 and 53.52-53.78 m QZMZ	51.44	54.86	3.42	T19672	100	0.14	300
57.30	60.95	3.65	QZMZ	F	U	W		54.86	58.83	3.97	T19673	80	0.17	400
60.95	63.60	2.65	AMPH	F	U	W		58.83	61.77	2.94	T19674	100	0.10	300
63.60	65.07	1.47	QZMZ	F	U	W		61.77	65.07	3.30	T19675	100	0.10	400
65.07	67.80	2.73	AMPH	F	U	W		65.07	68.12	3.05	T19676	100	0.10	300
67.80	73.95	6.15	GNIS	F	U	W	68.30-69.17 m QZMZ	68.12	71.17	3.05	T19677	100	0.17	300
73.95	78.05	4.10	QZMZ	F	U	W		71.17	74.20	3.03	T19678	100	0.03	300
				F	U	W		74.20	77.76	3.56	T19679	98	0.10	200
78.05	83.55	5.50	AMPH	F	U	W		77.76	80.77	3.01	T19680	98	0.17	600
				F	U	W		80.77	84.43	3.66	T19681	99	0.86	1300
83.55	87.20	3.65	QZMZ	F	U	W		84.43	87.48	3.05	T19682	100	0.31	500
87.20	91.50	4.30	GNIS	F	U	W	88.50-88.80 m QZMZ, 89.10-89.15 m FTZN	87.48	90.53	3.05	T19683	100	1.03	1000
91.50	94.30	2.80	QZMZ	F	U	W		90.53	93.57	3.04	T19684	100	0.65	700
94.30	97.65	3.35	GNIS	F	U	W	95.59-95.85 m GRAN	93.57	96.50	2.93	T19685	100	0.51	300
97.65	107.35	9.70	PPFX	F	U	W		96.50	99.67	3.17	T19686	100	0.93	800
				F	U	W		99.67	101.19	1.52	T19687	100	0.14	200

1* Weathering (O=oxide, S=supergene, SC=supergene carbonates, SO=supergene oxide, SS=supergene sulphide, TR=transition, F=fresh)

2* Alteration (U=unaltered, CW=weathering clay, P=propylitic, CH=hypogene clay, K=k-feldspar, S=silicification) 3* Fractures (W=weak <10/m, M=moderate 10-40/m, S=strong >40/m)

SYNOPTIC LOG
GOLDEN REVENUE
ATAC RESOURCES LTD.

Hole: DN91-04

Page 2 / 2

[illegible]

1* Weathering (O=oxide, S=supergene, SC=supergene carbonates, SO=supergene oxide, SS=supergene sulphide, TR=transition, F=fresh)

2* Alteration (U=unaltered, CW=weathering clay, P=propylitic, CH=hypogene clay, K=k-feldspar, S=silicification) 3* Fractures (W=weak <10/m, M=moderate 10-40/m, S=strong >40/m)

SYNOPTIC LOG
GOLDEN REVENUE
 ATAC RESOURCES LTD.

Hole: DN91-05 Property: Golden Revenue Section: 6,913,470 N

Easting: Northing: Elevation: Depth: 177.39 m Logger: T.C. Becker
 Drilling Dates: June 7-11, 1991

Depth	Collar	
Azimuth	090°	
Dip	-70°	
Method	Compass	

Page 1 / 2

From (m)	To (m)	Interval (m)	Unit	1*	2*	3*	Comments	From (m)	To (m)	Interval (m)	Sample No.	REC %	Au (g/t)	Cu ppm			
0.00	6.00	6.00	OVBR					0.00	5.49	5.49							
6.00	24.10	18.10	PPFX	O	CW	W		5.49	8.64	3.15	T19354	51	0.14	100			
				O	CW	W		8.64	11.58	2.94	T19355	68	0.07	200			
				O	CW	W		11.58	14.63	3.05	T19356	68	0.21	100			
				O	CW	W		14.63	18.13	3.50	T19357	66	0.10	100			
				O	CW	W		18.13	21.34	3.21	T19358	85	0.24	<0.01			
				O	CW	W		21.34	24.69	3.35	T19359	75	0.07	200			
24.10	30.00	5.90	GNIS	O	CW	W		24.69	28.04	3.35	T19360	85	0.34	200			
				O	CW	W		28.04	30.91	2.87	T19361	96	0.31	200			
30.00	35.75	5.75	GRAN	O	CW	W		30.91	33.80	2.89	T19362	95	0.07	100			
				O	CW	W		33.80	36.88	3.08	T19363	95	<0.3	100			
35.75	38.95	3.20	GNIS	O	CW	W		36.88	40.08	3.20	T19364	97	0.07	100			
38.95	40.25	1.30	GRAN	O	CW	W		40.08	43.28	3.20	T19365	96	<0.3	200			
40.25	51.30	11.05	GNIS	O	CW	W		43.28	46.33	3.05	T19366	94	0.07	200			
				O	CW	W		46.33	49.38	3.05	T19367	95	0.07	200			
51.30	53.50	2.20	GRAN	O	CW	W		49.38	52.43	3.05	T19368	94	<0.3	100			
53.50	60.30	6.80	GNIS	O	CW	W		52.43	55.47	3.04	T19369	95	0.07	200			
				O	CW	W		55.47	58.52	3.05	T19370	65	0.10	500			
60.30	68.85	8.55	BRXX	O	CW	S	brecciated gneiss with quartz vein material	58.52	61.57	3.05	T19371	94	0.51	200			
				O	CW	S		61.57	64.62	3.05	T19372	52	1.37	400			
				O	CW	S		64.62	67.67	3.05	T19373	98	0.48	300			
68.85	70.35	1.50	QZMZ	O	CW	W		67.67	70.71	3.04	T19374	89	0.45	<0.01			
70.35	74.25	3.90	PPFX	O	CW	W		70.71	73.76	3.05	T19375	94	0.38	100			
74.25	88.35	14.10	QZMZ	O	CW	W		73.76	76.81	3.05	T19376	100	0.14	100			
				O	CW	W		76.81	79.55	2.74	T19377	63	0.07	<0.01			
				O	CW	W		79.55	82.60	3.05	T19378	93	0.07	<0.01			
				O	CW	W		82.60	85.95	3.35	T19379	100	0.07	<0.01			
88.35	89.05	0.70	GNIS	O	CW	W		85.95	89.00	3.05	T19380	100	0.24	<0.01			
89.05	92.75	3.70	QZMZ	O	CW	W		89.00	92.05	3.05	T19381	100	0.10	<0.01			
92.75	97.55	4.80	GNIS	O	CW	W		92.05	95.10	3.05	T19382	99	0.14	<0.01			
				O	CW	W	95.61-96.16 m PPFX	95.10	98.15	3.05	T19383	97	0.72	100			

1* Weathering (O=oxide, S=supergene, SC=supergene carbonates, SO=supergene oxide, SS=supergene sulphide, TR=transition, F=fresh)

2* Alteration (U=unaltered, CW=weathering clay, P=propylitic, CH=hypogene clay, K=k-feldspar, S=silicification) 3* Fractures (W=weak <10/m, M=moderate 10-40/m, S=strong >40/m)

SYNOPTIC LOG
GOLDEN REVENUE
ATAC RESOURCES LTD.

Hole: DN91-05

Page 2 / 2

From (m)	To (m)	Interval (m)	Unit	1*	2*	3*	Comments	From (m)	To (m)	Interval (m)	Sample No.	REC %	Au (g/t)	Cu ppm			
97.55	99.87	2.32	QZMZ	O	CW	W		98.15	101.19	3.04	T19384	98	0.24	100			
99.87	108.05	8.18	GNIS	O	CW	W	with QZMZ dykes	101.19	104.24	3.05	T19385	96	0.24	200			
				O	CW	W	103.45-104.07 m breccia/fault zone	104.24	107.29	3.05	T19386	97	0.03	500			
108.05	112.10	4.05	QZMZ	TR	CW	W		107.29	111.03	3.74	T19387	100	0.14	<0.01			
112.10	127.50	15.40	GNIS	TR	CW	W	113.10-113.50 m quartz vein	111.03	114.91	3.88	T 19388	98	0.65	400			
				F	U	W	115.22-115.50 m quartz vein	114.91	117.86	2.95	T 19389	100	0.24	900			
				F	U	W	narrow QZMZ dykes from 112.1-127.5 m	117.86	121.01	3.15	T 19390	100	0.07	500			
				F	U	W		121.01	124.05	3.04	T 19391	87	0.07	200			
				F	U	W		124.05	127.10	3.05	T 19392	100	0.03	200			
127.50	130.55	3.05	GRAN	F	U	W		127.10	130.15	3.05	T 19393	96	0.07	200			
130.55	134.80	4.25	GNIS	F	U	W	with QZMZ dykes and weak quartz veins	130.15	133.20	3.05	T 19394	90	0.10	700			
134.80	152.65	17.85	PPFX	F	U	W		133.20	136.25	3.05	T 19395	100	0.07	900			
				F	U	W		136.25	139.29	3.04	T 19396	98	0.10	1100			
				F	U	W		139.29	142.80	3.51	T 19397	100	0.10	1700			
				F	U	W		142.80	146.70	3.90	T 19398	97	0.14	2900			
				F	U	W	increasing quartz veins toward lower contact	146.70	149.50	2.80	T 19399	98	0.24	1500			
				F	U	W		149.50	152.55	3.05	T 19400	98	1.10	1100			
152.65	154.70	2.05	GNIS	F	U	W		152.55	155.45	2.90	T 19401	96	0.07	300			
154.70	160.45	5.75	QZMZ	F	U	W		155.45	158.40	2.95	T 19402	100	0.07	200			
160.45	169.35	8.90	GNIS	F	U	W		158.40	161.51	3.11	T 19403	100	0.14	200			
				F	U	W		161.51	164.48	2.97	T 19404	95	0.10	300			
				F	U	W		164.48	167.43	2.95	T 19405	96	0.07	200			
169.35	170.42	1.07	GRAN	F	U	W		167.43	170.70	3.27	T 19406	95	<0.3	100			
170.42	174.90	4.48	GNIS	F	U	W		170.70	173.82	3.12	T 19407	94	0.03	200			
174.90	177.39	2.49	QZMZ	F	U	W		173.82	177.39	3.57	T 19408	100	0.07	300			
	EOH								EOH								

1* Weathering (O=oxide, S=supergene, SC=supergene carbonates, SO=supergene oxide, SS=supergene sulphide, TR=transition, F=fresh)

2* Alteration (U=unaltered, CW=weathering clay, P=propylitic, CH=hypogene clay, K=k-feldspar, S=silicification) 3* Fractures (W=weak <10/m, M=moderate 10-40/m, S=strong >40/m)

SYNOPTIC LOG
GOLDEN REVENUE
ATAC RESOURCES LTD.

Hole: DN89-01 Property: Golden Revenue Section: 6,913,670 N
Easting: Northing: Elevation: Depth: 133.20 m Logger: T.C. Becker
Drilling Dates: Sept 2-5, 1989

Depth	Collar	
Azimuth		
Dip	-90°	
Method	Compass	

Page 1 / 2

From (m)	To (m)	Interval (m)	Unit	1*	2*	3*	Comments	From (m)	To (m)	Interval (m)	Sample No.	REC %	Au (g/t)	Cu ppm	As ppm	Bi ppm	Ag ppm
0.00	2.43	2.43	OVBR					0.00	4.00	4.00							
2.43	3.90	1.47	GNIS	O	CW	W		2.43	4.00	1.57	T28001	100	0.53	332	75	32	2.0
3.90	6.15	2.25	PPFX	O	CW	W		4.00	6.00	2.00	T28002	100	0.39	110	60	12	1.2
6.15	6.80	0.65	GNIS	O	CW	M		6.00	8.00	2.00	T28003	100	0.60	204	210	8	1.6
6.80	8.10	1.30	GRAN	O	CW	W		8.00	10.00	2.00	T28004	100	0.28	202	70	10	2.4
8.10	8.95	0.85	GNIS	O	CW	W		10.00	12.00	2.00	T28005	100	0.31	256	195	6	1.6
8.95	10.97	2.02	GRAN	O	CW	W		12.00	14.00	2.00	T28006	100	0.77	430	590	28	3.2
10.97	21.55	10.58	GNIS	O	CW	W		14.00	16.00	2.00	T28007	100	0.34	542	150	<2	1.4
								16.00	18.00	2.00	T28008	100	2.00	477	280	4	1.4
							20.5-21.55 quartz veinlets and alteration	18.00	20.00	2.00	T28009	100	1.02	408	180	16	1.2
21.55	24.00	2.45	GRAN	O	CW	W		20.00	22.00	2.00	T28010	100	2.05	342	4800	30	2.6
24.00	24.40	0.40	QZMZ	O	CW	M		22.00	24.00	2.00	T28011	100	0.35	184	120	10	1.0
24.40	24.65	0.25	GRAN	O	CW	W		24.00	26.00	2.00	T28012	100	0.20	254	45	<2	1.8
24.65	29.10	4.45	GNIS	O	CW	W		26.00	29.00	3.00	T28013	100	0.48	463	325	12	1.2
29.10	30.80	1.70	GRAN	O	CW	W		29.00	31.00	2.00	T28014	100	0.21	106	140	2	0.6
30.80	32.05	1.25	GNIS	O	CW	M		31.00	33.00	2.00	T28015	100	0.66	378	370	30	2.4
32.05	45.50	13.45	PPFX	O	CW	W		33.00	35.00	2.00	T28016	100	1.14	199	150	44	2.0
								35.00	37.00	2.00	T28017	100	1.51	166	65	80	2.2
								37.00	39.00	2.00	T28018	100	0.85	177	70	50	2.8
								39.00	41.00	2.00	T28019	100	2.39	187	125	78	3.0
								41.00	43.00	2.00	T28020	100	3.41	164	210	92	3.2
								43.00	45.00	2.00	T28021	100	1.76	230	840	92	3.0
45.50	52.10	6.60	GNIS	O	CW	W		45.00	47.00	2.00	T28022	100	3.95	765	360	264	9.0
								47.00	49.00	2.00	T28023	100	3.41	787	735	230	11.4
								49.00	52.00	3.00	T28024	100	1.40	535	295	306	6.6
52.10	58.70	6.60	GRAN	O	CW	W		52.00	55.00	3.00	T28025	100	0.32	189	90	64	1.4
								55.00	58.00	3.00	T28026	100	0.68	60	60	42	0.4
58.70	59.85	1.15	QZMZ	SS	CW	W		58.00	60.00	2.00	T28027	100	0.47	1155	105	8	0.7
59.85	62.94	3.09	GNIS	SS	CW	M		60.00	62.50	2.50	T28028	100	1.66	4080	500	94	2.0
62.94	64.35	1.41	QZMZ	SS	CW	M		62.50	64.50	2.00	T28029	100	2.00	5420	90	94	1.1
64.35	70.70	6.35	GNIS	SS	CW	M		64.50	66.50	2.00	T28030	100	2.96	7880	55	58	2.6

1* Weathering (O=oxide, S=supergene, SC=supergene carbonates, SO=supergene oxide, SS=supergene sulphide, TR=transition, F=fresh)

2* Alteration (U=unaltered, CW=weathering clay, P=propylitic, CH=hypogene clay, K=k-feldspar, S=silicification) 3* Fractures (W=weak <10/m, M=moderate 10-40/m, S=strong >40/m)

SYNOPTIC LOG
GOLDEN REVENUE
 ATAC RESOURCES LTD.

Hole: DN89-01

Page 2 / 2

From (m)	To (m)	Interval (m)	Unit	1*	2*	3*	Comments	From (m)	To (m)	Interval (m)	Sample No.	REC %	Au (g/t)	Cu ppm	As ppm	Bi ppm	Ag ppm
								66.50	68.50	2.00	T28031	100	1.64	6190	630	46	1.4
								68.50	70.50	2.00	T28032	100	0.41	2220	250	20	0.8
70.70	72.35	1.65	QZMZ	SS	CW	W		70.50	72.50	2.00	T28033	100	0.68	5160	145	64	1.4
72.35	83.25	10.90	GNIS	SS	CW	W		72.50	75.00	2.50	T28034	100	0.55	5020	355	26	1.7
								75.00	77.50	2.50	T28035	100	0.37	6770	175	82	2.2
								77.50	79.50	2.00	T28036	100	1.22	6520	135	246	2.5
								79.50	83.00	3.50	T28037	100	0.34	5660	255	36	2.7
83.25	85.05	1.80	QZMZ	SS	CW	W		83.00	85.00	2.00	T28038	100	0.36	3590	135	18	1.5
85.05	87.60	2.55	GNIS	SS	CW	W		85.00	87.50	2.50	T28039	100	0.18	4210	115	22	2.3
87.60	88.80	1.20	QZMZ	SS	CW	W		87.50	89.50	2.00	T28040	100	0.16	7230	220	34	2.0
88.80	126.35	37.55	PPFX	SS	CW	W		89.50	92.00	2.50	T28041	100	0.19	3210	45	22	1.4
								92.00	95.00	3.00	T28042	100	0.16	4490	65	8	1.5
								95.00	98.00	3.00	T28043	100	1.76	6190	125	56	1.2
								98.00	101.00	3.00	T28044	100	0.60	3360	130	22	0.9
								101.00	104.00	3.00	T28045	100	0.17	3550	100	14	1.5
								104.00	107.00	3.00	T28046	100	0.38	2060	55	20	1.2
								107.00	110.00	3.00	T28047	100	0.12	2880	115	20	0.9
								110.00	112.00	2.00	T28048	100	0.05	2210	20	12	1.2
								112.00	114.00	2.00	T28049	100	0.46	2290	85	80	0.3
							1-4mm wide quartz veinlets	114.00	116.50	2.50	T28050	100	0.71	1405	65	294	0.4
								116.50	119.50	3.00	T28051	100	0.11	1435	40	100	0.6
								119.50	122.00	2.50	T28052	100	0.51	3460	930	24	1.1
								122.00	124.00	2.00	T28053	100	0.03	1250	125	8	0.5
								124.00	126.00	2.00	T28054	100	0.10	920	55	60	0.5
126.35	133.20	6.85	GNIS	SS	CW	W		126.00	129.50	3.50	T28055	100	0.04	334	50	12	2.3
								129.50	133.20	3.70	T28056	100	0.08	302	70	<2	3.0
	EOH								EOH								

1* Weathering (O=oxide, S=supergene, SC=supergene carbonates, SO=supergene oxide, SS=supergene sulphide, TR=transition, F=fresh)

2* Alteration (U=unaltered, CW=weathering clay, P=propylitic, CH=hypogene clay, K=k-feldspar, S=silicification) 3* Fractures (W=weak <10/m, M=moderate 10-40/m, S=strong >40/m)

SYNOPTIC LOG
GOLDEN REVENUE
 ATAC RESOURCES LTD.

Hole: DN89-02 Property: Golden Revenue Section: 6,913,750 N

Easting: Northing: Elevation: Depth: 121.92 m Logger: T.C. Becker
 Drilling Dates: Sept 6-8, 1989

Depth	Collar	
Azimuth		
Dip	-90°	
Method	Compass	

Page 1 / 2

From (m)	To (m)	Interval (m)	Unit	1*	2*	3*	Comments	From (m)	To (m)	Interval (m)	Sample No.	REC %	Au (g/t)	Cu ppm	As ppm	Bi ppm	Ag ppm
0.00	2.44	2.44	OVBR					0.00	2.44	2.44							
2.44	19.50	17.06	GRAN	O	CW	M		2.44	5.00	2.56	T 28057	30	0.16	155	360	12	0.4
				O	CW	M		5.00	8.00	3.00	T 28058	70	0.22	227	315	8	0.4
				O	CW	M		8.00	10.50	2.50	T 28059	100	1.75	140	1575	12	0.6
				O	CW	M		10.50	12.50	2.00	T 28060	100	0.33	141	670	14	0.6
				O	CW	M		12.50	14.50	2.00	T 28061	100	1.05	92	870	18	1.0
				O	CW	M		14.50	17.00	2.50	T 28062	100	0.16	53	785	10	0.4
				O	CW	M		17.00	20.00	3.00	T 28063	100	0.82	247	335	16	0.6
19.50	32.35	12.85	GNIS	O	CW	M		20.00	23.00	3.00	T 28064	100	0.86	645	855	10	0.4
				O	CW	M		23.00	26.00	3.00	T 28065	100	1.09	321	700	62	0.4
				O	CW	M		26.00	28.50	2.50	T 28066	100	0.35	181	<5	12	<.2
				O	CW	M		28.50	31.50	3.00	T 28067	100	1.41	956	2750	70	0.2
32.35	34.70	2.35	GRAN	O	CW	M		31.50	34.50	3.00	T 28068	100	0.78	1380	305	66	0.4
34.70	35.75	1.05	GNIS	O	CW	M		34.50	37.50	3.00	T 28069	100	0.81	805	215	60	0.2
35.75	36.95	1.20	GRAN	O	CW	M		37.50	40.50	3.00	T 28070	100	0.25	421	45	8	<.2
36.95	42.90	5.95	GNIS	O	CW	M		40.50	43.00	2.50	T 28071	100	0.45	349	65	4	<.2
42.90	70.30	27.40	GRAN	O	CW	M		43.00	45.00	2.00	T 28072	100	0.20	203	200	8	<.2
				O	CW	M		45.00	48.00	3.00	T 28073	100	0.23	80	295	6	<.2
				O	CW	M		48.00	50.00	2.00	T 28074	100	0.83	514	100	10	<.2
				O	CW	W		50.00	53.00	3.00	T 28075	100	0.08	988	90	14	<.2
				O	CW	W		53.00	56.00	3.00	T 28076	100	0.03	54	95	10	<.2
				O	CW	W		56.00	59.00	3.00	T 28077	100	0.06	66	165	36	<.2
				O	CW	W		59.00	61.00	2.00	T 28078	100	0.14	44	15	6	0.2
				O	CW	W		61.00	64.00	3.00	T 28079	100	0.53	669	20	12	0.2
				O	CW	W		64.00	67.00	3.00	T 28080	100	0.24	26	10	6	<.2
				O	CW	W		67.00	70.00	3.00	T 28081	100	0.05	50	65	4	<.2
70.30	71.50	1.20	GNIS	O	CW	W		70.00	72.00	2.00	T 28082	100	1.71	70	90	44	0.6
71.50	98.50	27.00	GRAN	O	CW	W		72.00	75.00	3.00	T 28083	100	0.04	23	65	4	<.2
				O	CW	W		75.00	78.00	3.00	T 28084	100	0.11	39	115	4	<.2
				O	CW	W		78.00	81.00	3.00	T 28085	100	0.27	449	75	6	0.2
				O	CW	W		81.00	84.00	3.00	T 28086	100	0.27	45	195	6	<.2

1* Weathering (O=oxide, S=supergene, SC=supergene carbonates, SO=supergene oxide, SS=supergene sulphide, TR=transition, F=fresh)

2* Alteration (U=unaltered, CW=weathering clay, P=propylitic, CH=hypogene clay, K=k-feldspar, S=silicification) 3* Fractures (W=weak <10/m, M=moderate 10-40/m, S=strong >40/m)

SYNOPTIC LOG
GOLDEN REVENUE
ATAC RESOURCES LTD.

Hole: DN89-02

Page 2 / 2

[illegible]

1* Weathering (O=oxide, S=supergene, SC=supergene carbonates, SO=supergene oxide, SS=supergene sulphide, TR=transition, F=fresh)

2* Alteration (U=unaltered, CW=weathering clay, P=propylitic, CH=hypogene clay, K=k-feldspar, S=silicification) 3* Fractures (W=weak <10/m, M=moderate 10-40/m, S=strong >40/m)

SYNOPTIC LOG
GOLDEN REVENUE
 ATAC RESOURCES LTD.

Hole: DN89-03 Property: Golden Revenue Section: 6,913,870 N

Easting: Northing: Elevation: Depth: Logger: T.C. Becker

64.31 m Drilling Dates: Sept 8-10, 1989

Depth	Collar	
Azimuth	090°	
Dip	-70°	
Method	Compass	

Page 1 / 1

From (m)	To (m)	Interval (m)	Unit	1*	2*	3*	Comments	From (m)	To (m)	Interval (m)	Sample No.	REC %	Au (g/t)	Cu ppm	As ppm	Bi ppm	Ag ppm
0.00	1.83	1.83	OVBR					0.00	1.83	1.83							
1.83	4.00	2.17	GNIS	O	CW	M		1.83	4.00	2.17	T28251	90	0.35	56	645	38	1.0
4.00	27.74	23.74	GRAN	O	CW	M		4.00	6.00	2.00	T28252	95	0.17	23	435	14	0.4
				O	CW	M		6.00	7.00	1.00	T28253	100	0.62	24	300	14	0.6
				O	CW	M		7.00	8.00	1.00	T28254	100	0.23	25	255	6	0.4
				O	CW	M		8.00	10.00	2.00	T28255	100	1.56	61	960	44	0.2
				O	CW	M		10.00	12.50	2.50	T28256	100	0.53	30	525	46	0.8
				O	CW	M		12.50	14.50	2.00	T28257	100	0.29	47	540	10	0.8
				O	CW	M		14.50	16.50	2.00	T28258	100	0.12	134	280	4	0.4
				O	CW	M		16.50	19.00	2.50	T28259	100	0.43	99	575	18	0.6
				O	CW	M		19.00	21.50	2.50	T28260	100	0.68	28	305	30	0.8
				O	CW	M		21.50	24.00	2.50	T28261	100	0.33	50	770	16	0.6
				O	CW	M		24.00	26.50	2.50	T28262	100	0.05	42	225	2	0.6
				O	CW	M		26.50	28.00	1.50	T28263	100	0.55	143	3500	132	0.8
27.74	28.90	1.16	GNIS	O	CW	M		28.00	29.50	1.50	T28264	100	0.07	51	1065	<2	0.4
28.90	54.30	25.40	GRAN	O	CW	M		29.50	32.00	2.50	T28265	100	0.06	25	175	2	0.6
				O	CW	M		32.00	35.00	3.00	T28266	100	0.05	33	285	2	0.4
				O	CW	M		35.00	38.00	3.00	T28267	100	0.03	69	420	<2	0.4
				O	CW	M		38.00	41.00	3.00	T28268	100	0.59	26	375	32	1.4
				O	CW	M		41.00	44.00	3.00	T28269	100	0.07	26	165	16	0.4
				O	CW	M		44.00	46.50	2.50	T28270	100	0.08	17	185	6	0.6
				O	CW	M		46.50	48.50	2.00	T28271	100	0.65	35	4060	16	1.8
				O	CW	M		48.50	51.00	2.50	T28272	100	0.34	19	1215	2	0.6
				O	CW	M		51.00	53.50	2.50	T28273	100	0.07	14	530	4	0.6
54.30	64.31	10.01	GNIS	O	CW	M		53.50	55.00	1.50	T28274	100	0.17	231	315	<2	0.6
				O	CW	M		55.00	58.00	3.00	T28275	100	0.05	145	140	<2	0.2
				O	CW	M		58.00	60.00	2.00	T28276	100	0.14	111	225	<2	<.2
				O	CW	M		60.00	62.00	2.00	T28277	100	0.18	73	1150	<2	0.4
				O	CW	M		62.00	64.31	2.31	T28278	100	0.04	488	125	<2	0.8
	EOH								EOH								

1* Weathering (O=oxide, S=supergene, SC=supergene carbonates, SO=supergene oxide, SS=supergene sulphide, TR=transition, F=fresh)

2* Alteration (U=unaltered, CW=weathering clay, P=propylitic, CH=hypogene clay, K=k-feldspar, S=silicification) 3* Fractures (W=weak <10/m, M=moderate 10-40/m, S=strong >40/m)

SYNOPTIC LOG
GOLDEN REVENUE
 ATAC RESOURCES LTD.

Hole: DN89-04 Property: Golden Revenue Section: 6,913,550 N

Easting: Northing: Elevation: Depth: 125.89 m Logger: T.C Becker
 Drilling Dates: Sept 10-13, 1989

Depth	Collar	
Azimuth		
Dip	-90°	
Method	Compass	

Page 1 / 2

From (m)	To (m)	Interval (m)	Unit	1*	2*	3*	Comments	From (m)	To (m)	Interval (m)	Sample No.	REC %	Au (g/t)	Cu ppm	As ppm	Bi ppm	Ag ppm
0.00	2.80	2.80	OVBR						2.43	2.43							
2.80	22.85	20.05	GNIS	O	CW	W		2.43	5.00	2.57	T28279	85	0.27	646	105	14	1.0
				O	CW	W		5.00	7.50	2.50	T28280	90	0.08	433	10	6	0.6
				O	CW	W		7.50	10.00	2.50	T28281	95	0.01	452	90	<2	0.8
				O	CW	W		10.00	13.00	3.00	T28282	100	0.16	433	220	4	0.8
				O	CW	W		13.00	16.00	3.00	T28283	100	0.01	324	165	<2	0.2
				O	CW	W		16.00	18.50	2.50	T28284	100	0.04	436	35	<2	0.4
				O	CW	W		18.50	20.50	2.00	T28285	100	0.21	264	15	2	0.4
				O	CW	W		20.50	22.50	2.00	T28286	100	0.25	165	70	12	0.4
22.85	25.80	2.95	PPFX	O	CW	M		22.50	24.50	2.00	T28287	100	0.79	1130	85	<2	0.8
				O	CW	M		24.50	26.00	1.50	T28288	100	0.30	900	75	10	0.8
25.80	29.75	3.95	GNIS	O	CW	W		26.00	28.00	2.00	T28289	100	0.10	370	90	2	0.6
				O	CW	W		28.00	30.00	2.00	T28290	100	0.04	488	<5	10	0.6
29.75	53.00	23.25	PPFX	O	CW	M		30.00	32.00	2.00	T28291	100	0.11	148	685	16	1.0
				O	CW	W		32.00	34.50	2.50	T28292	100	0.19	161	385	26	1.2
				O	CW	W		34.50	37.00	2.50	T28293	100	0.07	121	295	10	1.0
				O	CW	W		37.00	39.00	2.00	T28294	100	0.15	141	240	8	0.8
				O	CW	W		39.00	41.00	2.00	T28295	100	0.07	124	165	<2	0.6
				O	CW	W		41.00	43.00	2.00	T28296	100	0.13	157	150	8	0.4
				O	CW	W		43.00	45.00	2.00	T28297	100	0.27	221	150	6	0.4
				O	CW	W		45.00	47.00	2.00	T28298	100	0.14	397	330	2	0.8
				O	CW	W		47.00	49.00	2.00	T28299	100	2.02	413	350	18	0.4
				O	CW	W		49.00	51.00	2.00	T28300	100	2.35	334	445	24	0.4
				O	CW	W		51.00	53.00	2.00	T28401	100	0.05	228	850	6	0.2
53.00	56.60	3.60	VNZN	O	CW	W	quartz veins and brecciated PPFX	53.00	55.00	2.00	T28402	100	1.73	232	>10000	58	1.4
				O	CW	W		55.00	57.00	2.00	T28403	100	2.50	1205	>10000	138	4.0
56.60	61.35	4.75	GRAN	O	CW	W		57.00	59.00	2.00	T28404	100	0.14	54	2870	32	2.2
				O	CW	W		59.00	61.50	2.50	T28405	100	0.46	163	5410	62	1.2
61.35	65.35	4.00	PPFX	O	CW	W		61.50	64.00	2.50	T28406	100	0.13	290	305	26	0.6
				O	CW	W	two narrow quartz veins with fine sulphides	64.00	65.50	1.50	T28407	100	0.30	154	1920	338	2.0
65.35	87.50	22.15	GNIS	O	CW	W		65.50	68.00	2.50	T28408	100	2.14	126	725	832	1.4

1* Weathering (O=oxide, S=supergene, SC=supergene carbonates, SO=supergene oxide, SS=supergene sulphide, TR=transition, F=fresh)

2* Alteration (U=unaltered, CW=weathering clay, P=propylitic, CH=hypogene clay, K=k-feldspar, S=silicification) 3* Fractures (W=weak <10/m, M=moderate 10-40/m, S=strong >40/m)

SYNOPTIC LOG
GOLDEN REVENUE
 ATAC RESOURCES LTD.

Hole: DN89-04

Page 2 / 2

From (m)	To (m)	Interval (m)	Unit	1*	2*	3*	Comments	From (m)	To (m)	Interval (m)	Sample No.	REC %	Au (g/t)	Cu ppm	As ppm	Bi ppm	Ag ppm
				O	CW	W		68.00	71.00	3.00	T28409	100	0.31	115	285	24	0.4
				O	CW	W		71.00	74.00	3.00	T28410	100	0.07	495	120	8	0.2
				O	CW	W		74.00	76.50	2.50	T28411	100	0.10	81	35	14	0.2
				O	CW	W		76.50	79.00	2.50	T28412	100	0.03	306	100	2	0.4
				O	CW	W		79.00	81.50	2.50	T28413	100	0.08	91	85	6	<2
				O	CW	W		81.50	84.00	2.50	T28414	100	0.00	63	60	6	0.2
				O	CW	W		84.00	87.00	3.00	T28415	100	0.09	248	>10000	10	0.2
87.50	88.40	0.90	QZMZ	O	CW	W		87.00	89.00	2.00	T28416	100	0.25	642	15	6	0.4
88.40	92.60	4.20	GNIS	SS	CW	W		89.00	92.00	3.00	T28417	100	0.38	3220	300	10	1.2
92.60	93.50	0.90	VNZN	SS	S	S		92.00	93.50	1.50	T28418	100	1.40	4910	>10000	30	2.8
93.50	117.00	23.50	GNIS	SS	CW	W		93.50	96.50	3.00	T28419	100	0.32	1575	265	66	0.6
				SS	CW	W		96.50	98.50	2.00	T28420	100	0.74	339	80	48	<2
				SS	CW	W		98.50	100.50	2.00	T28421	100	0.44	526	35	68	<2
				SS	CW	W		100.50	102.50	2.00	T28422	100	0.17	1980	35	62	0.8
				SS	CW	W		102.50	104.50	2.00	T28423	100	0.90	1670	70	28	0.6
				SS	CW	W		104.50	106.50	2.00	T28424	100	0.15	5050	155	12	0.8
				SS	CW	W		106.50	108.50	2.00	T28425	100	0.35	6880	310	16	1.4
				SS	CW	W		108.50	110.50	2.00	T28426	100	0.17	3870	120	10	0.8
				SS	CW	W		110.50	112.50	2.00	T28427	100	0.18	1710	60	8	0.4
				SS	CW	W		112.50	114.50	2.00	T28428	100	0.36	2490	155	8	0.6
				SS	CW	W		114.50	117.00	2.50	T28429	100	0.50	3800	170	12	0.8
117.00	118.00	1.00	PPFX	SS	CW	W		117.00	118.50	1.50	T28430	100	0.59	2140	270	16	0.6
118.00	123.70	5.70	QZMZ	SS	CW	W		118.50	120.50	2.00	T28431	100	0.08	2470	115	6	0.8
				SS	CW	W		120.50	123.50	3.00	T28432	100	0.04	146	35	2	0.2
123.70	125.89	2.19	GNIS	F	CW	W		123.50	125.88	2.38	T28433	100	0.06	200	<5	56	<2
	EOH								EOH								

1* Weathering (O=oxide, S=supergene, SC=supergene carbonates, SO=supergene oxide, SS=supergene sulphide, TR=transition, F=fresh)

2* Alteration (U=unaltered, CW=weathering clay, P=propylitic, CH=hypogene clay, K=k-feldspar, S=silicification) 3* Fractures (W=weak <10/m, M=moderate 10-40/m, S=strong >40/m)

SYNOPTIC LOG
GOLDEN REVENUE

ATAC RESOURCES LTD.

Hole: DN89-05 Property: Golden Revenue Section: 6,913,980 N

Easting: Northing: Elevation: Depth: 81.69 m Logger: T.C. Becker

Drilling Dates: Sept 13-18, 1989

Depth	Collar	
Azimuth	090°	
Dip	-50°	
Method	Compass	

Page 1 / 2

From (m)	To (m)	Interval (m)	Unit	1*	2*	3*	Comments	From (m)	To (m)	Interval (m)	Sample No.	REC %	Au (g/t)	Cu ppm	As ppm	Bi ppm	Ag ppm
0.00	3.05	3.05	OVBR					0.00	3.05	3.05							
3.05	31.40	28.35	GNIS	O	CW	W		3.05	6.00	2.95	T28434	90	0.03	48	610	<2	<2
				O	CW	W		6.00	9.00	3.00	T28435	90	<0.3	34	300	<2	<2
				O	CW	W		9.00	12.00	3.00	T28436	100	<0.3	27	220	<2	<2
				O	CW	W		12.00	15.00	3.00	T28437	100	<0.3	49	160	<2	0.2
				O	CW	W		15.00	18.00	3.00	T28438	100	<0.3	61	105	<2	0.2
				O	CW	W		18.00	21.00	3.00	T28439	100	<0.3	58	1345	10	1.6
				O	CW	W		21.00	23.50	2.50	T28440	100	0.01	147	260	<2	0.6
				O	CW	W		23.50	26.00	2.50	T28441	100	<0.3	51	180	<2	0.2
				O	CW	W		26.00	29.00	3.00	T28442	100	<0.3	78	40	<2	0.2
				O	CW	W		29.00	31.50	2.50	T28443	100	<0.3	53	30	<2	0.2
31.40	34.00	2.60	PPFX	O	CW	W		31.50	34.00	2.50	T28444	100	<0.3	36	25	<2	0.4
34.00	81.69	47.69	GNIS	O	CW	W		34.00	37.00	3.00	T28445	100	0.16	51	530	<2	0.2
				O	CW	W		37.00	40.00	3.00	T28446	100	0.01	65	305	<2	0.6
				O	CW	W		40.00	43.00	3.00	T28447	100	<0.3	164	45	<2	0.2
				O	CW	W		43.00	46.00	3.00	T28448	100	<0.3	79	10	<2	<2
				O	CW	W		46.00	48.50	2.50	T28449	100	<0.3	70	95	<2	<2
				O	CW	W		48.50	51.00	2.50	T28450	100	0.11	85	1230	<2	1.0
				O	CW	W	two 20 cm crackle breccia intervals	51.00	53.00	2.00	T28451	100	0.10	34	2410	<2	1.2
				O	CW	W	2 cm quartz vein, 20 cm crackle breccia	53.00	55.00	2.00	T28452	100	0.14	32	2210	<2	0.8
				O	CW	W		55.00	57.00	2.00	T28453	100	0.01	31	485	<2	0.2
				O	CW	W	3 cm quartz vein, 25 cm crackle breccia	57.00	59.00	2.00	T28454	100	0.52	933	9210	6	1.4
				O	CW	W		59.00	61.50	2.50	T28455	100	0.02	89	675	6	0.8
				O	CW	W		61.50	63.50	2.00	T28456	100	0.01	148	300	<2	0.6
				O	CW	W		63.50	66.00	2.50	T28457	100	0.01	134	245	<2	0.6
				O	CW	W	10 cm quartz vein, 30 cm breccia interval	66.00	68.00	2.00	T28458	100	0.03	103	1195	<2	0.8
				O	CW	W		68.00	70.50	2.50	T28459	100	<0.3	107	780	<2	0.4
				O	CW	W	1.10 m crackle breccia interval	70.50	72.50	2.00	T28460	100	0.03	707	4450	<2	3.0
				O	CW	W		72.50	75.00	2.50	T28461	100	0.07	204	735	<2	0.4
				O	CW	W		75.00	77.50	2.50	T28462	100	0.01	85	30	<2	0.4
				O	CW	W		77.50	80.00	2.50	T28463	100	0.05	105	230	<2	<2

1* Weathering (O=oxide, S=supergene, SC=supergene carbonates, SO=supergene oxide, SS=supergene sulphide, TR=transition, F=fresh)

2* Alteration (U=unaltered, CW=weathering clay, P=propylitic, CH=hypogene clay, K=k-feldspar, S=silicification) 3* Fractures (W=weak <10/m, M=moderate 10-40/m, S=strong >40/m)

ATAC RESOURCES LTD.

DN89-05

[illegible]

SYNOPTIC LOG
GOLDEN REVENUE
 ATAC RESOURCES LTD.

Hole: DN89-06 Property: Golden Revenue Section: _____

Easting: _____ Northing: _____ Elevation: _____ Depth: _____ Logger: T.C. Becker
 _____ Drilling Dates: Sept 18-21, 1989

Depth	Collar	
Azimuth	090°	
Dip	-50°	
Method	Compass	

Page 1 / 1

From (m)	To (m)	Interval (m)	Unit	1*	2*	3*	Comments	From (m)	To (m)	Interval (m)	Sample No.	REC %	Au (g/t)	Cu ppm	As ppm	Bi ppm	Ag ppm
0.00	4.88	4.88	OVBR					0.00	4.88	4.88							
4.88	64.92	60.04	GNIS	O	CW	W		4.88	7.00	2.12	T28465	95	0.13	273	325	<2	<2
				O	CW	W		7.00	10.00	3.00	T28466	95	0.04	260	1215	<2	0.2
				O	CW	W		10.00	13.00	3.00	T28467	100	0.20	318	5050	14	0.2
				O	CW	W		13.00	16.00	3.00	T28468	100	0.07	145	395	<2	<2
				O	CW	W		16.00	19.00	3.00	T28469	100	0.07	72	95	<2	<2
				O	CW	W		19.00	22.00	3.00	T28470	100	0.02	130	235	<2	<2
				O	CW	W		22.00	25.00	3.00	T28471	100	0.02	78	260	<2	<2
				O	CW	W		25.00	28.00	3.00	T28472	100	<0.3	51	50	<2	<2
				O	CW	W		28.00	31.00	3.00	T28473	100	<0.3	47	195	<2	<2
				O	CW	W		31.00	34.00	3.00	T28474	100	0.03	125	195	<2	<2
				O	CW	W		34.00	37.00	3.00	T28475	100	0.03	167	90	<2	<2
				O	CW	W		37.00	39.00	2.00	T28476	100	<0.3	156	70	<2	<2
				O	CW	W		39.00	42.00	3.00	T28477	100	0.21	232	355	<2	<2
				O	CW	W		42.00	45.00	3.00	T28478	100	0.02	241	130	6	0.4
				O	CW	W		45.00	48.00	3.00	T28479	100	<0.3	92	35	<2	<2
				O	CW	W		48.00	50.00	2.00	T28480	100	<0.3	53	10	<2	<2
				O	CW	W		50.00	52.00	2.00	T28481	100	<0.3	43	35	<2	<2
				O	CW	W		52.00	54.50	2.50	T28482	100	0.01	53	115	<2	<2
				O	CW	W		54.50	55.50	1.00	T28483	100	0.06	112	115	<2	<2
				O	CW	W		55.50	57.00	1.50	T28484	100	<0.3	148	80	<2	<2
				O	CW	W		57.00	59.00	2.00	T28485	100	<0.3	77	10	<2	<2
				O	CW	W		59.00	61.00	2.00	T28486	100	0.03	47	25	<2	<2
				O	CW	W		61.00	63.00	2.00	T28487	100	<0.3	21	75	<2	<2
				O	CW	W		63.00	65.08	2.08	T28488	100	<0.3	67	80	<2	<2
	EOH								EOH								

1* Weathering (O=oxide, S=supergene, SC=supergene carbonates, SO=supergene oxide, SS=supergene sulphide, TR=transition, F=fresh)

2* Alteration (U=unaltered, CW=weathering clay, P=propylitic, CH=hypogene clay, K=k-feldspar, S=silicification) 3* Fractures (W=weak <10/m, M=moderate 10-40/m, S=strong >40/m)

SYNOPTIC LOG
GOLDEN REVENUE

ATAC RESOURCES LTD.

Hole: DN84-01

Property: Golden Revenue

Section: 6,913,650 N

Easting:

Northing:

Elevation:

Depth:

Logger:

W.D. Eaton

83.82 m

Drilling Dates:

Sept 8-10, 1984

Depth	Collar	
Azimuth		
Dip	-90°	
Method	Compass	

Page 1 / 2

From (m)	To (m)	Interval (m)	Unit	1*	2*	3*	Comments	From (m)	To (m)	Interval (m)	Sample No.	REC %	Au (g/t)	Cu ppm	Ag ppm	Zn ppm	
0.00	3.66	3.66	OVBD					0.00	3.66	3.66							
3.66	11.58	7.92	PPFX	O	CW	M		3.66	4.57	0.91	N 31151	40	0.31	88	1.9	10	
				O	CW	M		4.57	6.10	1.52	N 31152	100	0.97	88	2.0	17	
				O	CW	M		6.10	7.62	1.52	N 31153	100	0.05	110	0.6	18	
				O	CW	M		7.62	9.14	1.52	N 31154	100	0.13	85	0.8	21	
				O	CW	M		9.14	10.67	1.52	N 31155	75	0.35	93	1.3	20	
				O	CW	M		10.67	11.73	1.07	N 31156	100	0.07	60	1.3	14	
11.58	17.68	6.10	GRAN	O	CW	M		11.73	14.17	2.44	N 31157	100	0.23	84	0.5	8	
				O	CW	M		14.17	15.70	1.52	N 31158	100	0.10	76	0.3	3	
				O	CW	S		15.70	17.68	1.98	N 31159	100	0.18	147	0.4	4	
17.68	21.95	4.27	GNIS	O	CW	M		17.68	19.81	2.13	N 31160	100	0.83	378	1.5	7	
				O	CW	M		19.81	21.64	1.83	N 31161	100	0.13	670	0.8	20	
21.95	25.60	3.65	GRAN	O	CW	M		21.64	23.47	1.83	N 31162	100	0.19	238	0.7	8	
				O	CW	S		23.47	25.60	2.13	N 31163	100	0.04	183	0.5	5	
25.60	27.43	1.83	GNIS	O	CW	M		25.60	27.43	1.83	N 31164	100	0.59	132	1.2	3	
27.43	32.31	4.88	GNIS	O	CW	M		27.43	28.96	1.52	N 31165	90	0.69	502	1.8	13	
				O	CW	M		28.96	31.09	2.13	N 31166	90	0.35	295	1.0	7	
				O	CW	M		31.09	32.46	1.37	N 31167	100	0.44	313	1.3	8	
32.31	33.83	1.52	GRAN	O	CW	M		32.46	33.68	1.22	N 31168	100	0.23	128	0.7	4	
33.83	40.23	6.40	GNIS	O	CW	W		33.68	35.97	2.29	N 31169	95	0.26	332	0.8	9	
				O	CW	M		35.97	38.40	2.44	N 31170	95	0.46	780	0.8	23	
				O	CW	M		38.40	40.23	1.83	N 31171	95	0.25	610	0.6	14	
40.23	41.45	1.22	GRAN	O	CW	M		40.23	41.45	1.22	N 31172	100	0.08	125	0.3	3	
41.45	46.02	4.57	QZMZ	O	CW	M		41.45	43.13	1.68	N 31173	100	0.21	103	1.7	3	
				O	CW	M		43.13	44.81	1.68	N 31174	100	0.17	168	0.4	7	
				O	CW	M		44.81	46.18	1.37	N 31175	100	0.24	450	0.6	18	
46.02	71.37	25.35	GNIS	O	CW	M		46.18	47.40	1.22	N 31176	60	1.23	488	0.4	10	
				O	CW	M		47.40	48.77	1.37	N 31177	95	1.68	770	0.8	23	
				O	CW	M		48.77	49.99	1.22	N 31178	95	0.25	528	0.5	15	
				O	CW	M		49.99	52.12	2.13	N 31179	95	0.15	255	0.6	5	
				O	CW	M		52.12	54.56	2.44	N 31180	95	0.52	250	0.8	10	

1* Weathering (O=oxide, S=supergene, SC=supergene carbonates, SO=supergene oxide, SS=supergene sulphide, TR=transition, F=fresh)

2* Alteration (U=unaltered, CW=weathering clay, P=propylitic, CH=hypogene clay, K=k-feldspar, S=silicification) 3* Fractures (W=weak <10/m, M=moderate 10-40/m, S=strong >40/m)

SYNOPTIC LOG
GOLDEN REVENUE
 ATAC RESOURCES LTD.

Hole: DN84-02 Property: Golden Revenue Section: 6,913,770 N

Easting: Northing: Elevation: Depth: Logger: W.D. Eaton

 Drilling Dates: Sept 5-8, 1984

Depth	Collar	
Azimuth	090°	
Dip	-50°	
Method	Compass	

Page 1 / 3

From (m)	To (m)	Interval (m)	Unit	1*	2*	3*	Comments	From (m)	To (m)	Interval (m)	Sample No.	REC %	Au (g/t)	Cu ppm	Ag ppm	Zn ppm	
0.00	4.27	4.27	OVBR					0.00	4.27	4.27							
4.27	21.64	17.37	GNIS	O	CW	M		4.27	5.79	1.52	N 31197	100	0.11	105	0.1	3	
				O	CW	M		5.79	7.32	1.53	N 31198	100	0.07	62	0.1	1	
				O	CW	M		7.32	8.84	1.52	N 31199	100	0.41	58	0.1	3	
				O	CW	M		8.84	10.36	1.52	N 31200	100	0.63	80	0.2	13	
				O	CW	M		10.36	11.89	1.53	N 31201	100	0.07	130	0.2	10	
				O	CW	M		11.89	13.41	1.52	N 31202	100	0.11	76	0.2	10	
				O	CW	M		13.41	14.94	1.53	N 31203	100	0.07	85	0.2	7	
				O	CW	M		14.94	17.07	2.13	N 31204	70	0.04	230	0.2	34	
				O	CW	M		17.07	19.20	2.13	N 31205	70	0.10	218	0.2	36	
				O	CW	M		19.20	21.64	2.44	N 31206	70	0.35	260	0.3	22	
21.64	33.68	12.04	GRAN	O	CW	M		21.64	23.47	1.83	N 31207	100	0.23	50	0.3	13	
				O	CW	M		23.47	24.99	1.52	N 31208	100	2.32	50	1.1	28	
				O	CW	M		24.99	26.52	1.53	N 31209	100	0.36	27	0.1	12	
				O	CW	M		26.52	28.04	1.52	N 31210	100	0.71	48	0.2	7	
				O	CW	M		28.04	29.57	1.53	N 31211	100	0.68	42	0.1	7	
				O	CW	M	pyrite along fractures and disseminated	29.57	31.09	1.52	N 31212	100	7.33	240	0.3	6	
				O	CW	M		31.09	32.61	1.52	N 31213	100	1.55	94	0.3	6	
				O	CW	M		32.61	33.83	1.22	N 31214	100	0.40	52	0.1	7	
33.68	45.41	11.73	PPFX	O	CW	W	brecciated contact with quartz flooding	33.83	35.36	1.53	N 31215	100	1.09	58	1.2	10	
				O	CW	M		35.36	37.34	1.98	N 31216	100	0.18	38	0.8	7	
				O	CW	M		37.34	38.25	0.91	N 31217	100	1.48	1250	1.7	6	
				O	CW	M		38.25	39.93	1.68	N 31218	100	0.49	310	0.8	6	
				O	CW	M		39.93	41.45	1.52	N 31219	100	0.24	33	0.6	5	
				O	CW	M		41.45	43.28	1.83	N 31220	100	2.74	58	1.0	5	
				O	CW	M		43.28	45.26	1.98	N 31221	100	2.02	148	4.0	9	
45.41	46.63	1.22	GNIS	SS	CW	M	strong alteration and veining near contact	45.26	46.63	1.37	N 31222	70	2.08	1630	2.1	38	
46.63	67.06	20.43	GNIS	SS	CW	M		46.63	48.16	1.53	N 31223	100	0.49	1100	1.2	40	
				TR	CW	M		48.16	50.29	2.13	N 31224	100	0.36	590	0.4	40	
				TR	CW	M		50.29	52.12	1.83	N 31225	100	0.81	715	0.3	25	
				TR	CW	M		52.12	54.25	2.13	N 31226	100	0.26	418	0.5	65	

1* Weathering (O=oxide, S=supergene, SC=supergene carbonates, SO=supergene oxide, SS=supergene sulphide, TR=transition, F=fresh)

2* Alteration (U=unaltered, CW=weathering clay, P=propylitic, CH=hypogene clay, K=k-feldspar, S=silicification) 3* Fractures (W=weak <10/m, M=moderate 10-40/m, S=strong >40/m)

Hole: DN84-02

SYNOPTIC LOG
GOLDEN REVENUE
 ATAC RESOURCES LTD.

From (m)	To (m)	Interval (m)	Unit	1*	2*	3*	Comments	From (m)	To (m)	Interval (m)	Sample No.	REC %	Au (g/t)	Cu ppm	Ag ppm	Zn ppm
				TR	CW	M		54.25	56.39	2.14	N 31227	100	0.27	168	0.3	40
				TR	CW	W		56.39	58.52	2.13	N 31228	100	3.82	220	0.4	40
				TR	CW	W		58.52	60.96	2.44	N 31229	100	1.31	240	0.3	35
				TR	CW	W		60.96	63.09	2.13	N 31230	100	0.07	430	0.4	34
				TR	CW	M		63.09	64.92	1.83	N 31231	100	0.31	173	0.2	52
				TR	CW	M		64.92	66.08	1.16	N 31232	100	0.35	1100	0.4	48
				O	CW	M	stronger weathering toward contact	66.08	67.06	0.98	N 31233	100	0.25	265	0.5	63
67.06	78.33	11.27	GRAN	O	CW	M		67.06	68.58	1.52	N 31234	70	0.24	73	1.1	4
				O	CW	M		68.58	70.10	1.52	N 31235	100	0.29	245	0.5	11
				O	CW	M		70.10	71.63	1.53	N 31236	100	0.98	86	0.4	9
				O	CW	M		71.63	73.15	1.52	N 31237	100	0.65	40	0.1	2
				O	CW	M		73.15	74.68	1.53	N 31238	100	1.00	114	0.1	1
				O	CW	M		74.68	76.20	1.52	N 31239	100	1.48	45	0.1	1
				O	CW	M		76.20	78.43	2.23	N 31240	100	0.33	59	0.1	1
78.33	104.39	26.06	GNIS	O	CW	M	stronger weathering near upper contact	78.43	79.55	1.12	N 31241	100	1.02	217	0.1	20
				TR	CW	M		79.55	81.08	1.53	N 31242	100	0.76	419	0.3	82
				TR	CW	M		81.08	82.60	1.52	N 31243	100	2.02	336	0.3	38
				TR	CW	M		82.60	84.12	1.52	N 31244	100	0.31	220	0.3	62
				TR	CW	M		84.12	85.65	1.53	N 31245	100	0.20	160	0.2	46
				TR	CW	M		85.65	87.17	1.52	N 31246	100	0.64	650	1.0	42
				TR	CW	M		87.17	88.70	1.53	N 31247	100	0.24	146	0.1	36
				TR	CW	M		88.70	90.22	1.52	N 31248	100	0.36	179	0.2	48
				TR	CW	M	several 2-3 mm wide quartz veins	90.22	91.74	1.52	N 31249	100	4.89	540	1.2	52
				TR	CW	M		91.74	93.27	1.53	N 31250	100	0.47	290	0.4	63
				TR	CW	M		93.27	94.79	1.52	N 31251	100	1.52	377	0.5	48
				TR	CW	M		94.79	96.32	1.53	N 31252	100	0.87	400	2.4	25
				TR	CW	M		96.32	97.84	1.52	N 3690	100	0.08	290	0.3	38
				TR	CW	M		97.84	99.36	1.52	N 3691	100	0.80	960	1.5	138
				TR	CW	M		99.36	100.89	1.53	N 3692	100	3.04	336	0.7	60
				TR	CW	M		100.89	102.41	1.52	N 3693	100	0.91	520	0.9	40
				TR	CW	M		102.41	104.39	1.98	N 3694	100	0.28	720	1.2	64

1* Weathering (O=oxide, S=supergene, SC=supergene carbonates, SO=supergene oxide, SS=supergene sulphide, TR=transition, F=fresh)

2* Alteration (U=unaltered, CW=weathering clay, P=propylitic, CH=hypogene clay, K=k-feldspar, S=silicification) 3* Fractures (W=weak <10/m, M=moderate 10-40/m, S=strong >40/m)

SYNOPTIC LOG
GOLDEN REVENUE
ATAC RESOURCES LTD.

Hole: DN84-02

Page 3 / 3

[illegible]

1* Weathering (O=oxide, S=supergene, SC=supergene carbonates, SO=supergene oxide, SS=supergene sulphide, TR=transition, F=fresh)

2* Alteration (U=unaltered, CW=weathering clay, P=propylitic, CH=hypogene clay, K=k-feldspar, S=silicification) 3* Fractures (W=weak <10/m, M=moderate 10-40/m, S=strong >40/m)

SYNOPTIC LOG
GOLDEN REVENUE

ATAC RESOURCES LTD.

Hole: DN84-03 Property: Golden Revenue Section: 6,913,650 N

Easting: Northing: Elevation: Depth: 91.44 m Logger: W.D. Eaton

Drilling Dates: Sept 8-10, 1984

Depth	Collar	
Azimuth	090°	
Dip	-50°	
Method	Compass	

Page 1 / 2

From (m)	To (m)	Interval (m)	Unit	1*	2*	3*	Comments	From (m)	To (m)	Interval (m)	Sample No.	REC %	Au (g/t)	Cu ppm	Ag ppm	Zn ppm	
0.00	3.96	3.96	OVBR					0.00	3.96	3.96							
3.96	15.24	11.28	GNIS	O	CW	M		3.96	7.01	3.05	N31374	40	0.07	1750	0.6	35	
				O	CW	M		7.01	10.06	3.05	N31375	40	0.31	980	1.3	32	
				O	CW	M		10.06	13.11	3.05	N31376	40	0.35	750	0.8	22	
				O	CW	M		13.11	15.24	2.13	N31377	40	0.25	295	1.6	2	
15.24	32.31	17.07	PPFX	O	CW	M		15.24	16.76	1.52	N31378	40	0.24	160	2.8	3	
				O	CW	M		16.76	18.29	1.53	N31379	60	0.29	170	4.7	5	
				O	CW	M		18.29	19.81	1.52	N31380	100	0.98	188	2.6	7	
				O	CW	M		19.81	21.34	1.53	N31481	100	0.65	200	0.9	1	
				O	CW	M	quartz flooding near narrow quartz veinlets	21.34	22.86	1.52	N31482	100	1.00	272	2.3	10	
				O	CW	M		22.86	24.38	1.52	N31483	100	1.48	211	2.5	1	
				O	CW	M		24.38	25.91	1.53	N31484	100	0.33	134	1.0	2	
				O	CW	M		25.91	27.43	1.52	N31485	100	1.02	230	1.3	2	
				O	CW	M		27.43	28.96	1.53	N31486	100	0.76	180	1.1	2	
				O	CW	M	15 cm of brecciated vein material	28.96	30.48	1.52	N31487	100	2.02	170	1.7	16	
				O	CW	M		30.48	32.13	1.65	N31488	100	0.31	170	1.3	21	
32.31	33.34	1.03	QZMZ	O	CW	M		32.13	33.53	1.40	N31489	100	0.20	280	0.6	8	
33.34	42.96	9.62	GNIS	O	CW	M		33.53	35.05	1.52	N31490	100	0.64	940	1.8	24	
				TR	CW	M		35.05	36.58	1.53	N31491	100	0.24	930	1.1	22	
				TR	CW	M		36.58	38.10	1.52	N31492	100	0.27	1200	0.5	42	
				TR	CW	M		38.10	39.62	1.52	N31493	100	0.44	400	0.5	30	
				TR	CW	M		39.62	41.15	1.53	N31494	100	0.83	495	2.2	35	
				TR	CW	M		41.15	42.67	1.52	N31495	100	0.16	620	0.4	39	
42.96	43.70	0.74	FTZN	O	CW	M		42.67	43.89	1.22	N31496	100	0.17	550	0.8	40	
43.70	50.90	7.20	GRAN	O	CW	W		43.89	45.72	1.83	N31497	100	0.80	136	0.9	4	
				O	CW	W		45.72	47.55	1.83	N31498	100	0.15	60	0.5	1	
				O	CW	M		47.55	49.23	1.68	N31499	100	0.09	60	0.4	1	
				O	CW	M		49.23	50.75	1.52	N31500	100	0.08	160	0.4	1	
50.90	54.20	3.30	FTZN	O	CW	M	breccia, veins and dykes in metasediments	50.75	52.27	1.52	N31364	100	3.40	455	2.3	37	
				O	CW	M		52.27	53.80	1.53	N31365	100	0.47	710	1.6	20	
54.20	59.13	4.93	GRAN	O	CW	M		53.80	55.78	1.98	N31366	40	2.95	470	2.5	36	

1* Weathering (O=oxide, S=supergene, SC=supergene carbonates, SO=supergene oxide, SS=supergene sulphide, TR=transition, F=fresh)

2* Alteration (U=unaltered, CW=weathering clay, P=propylitic, CH=hypogene clay, K=k-feldspar, S=silicification) 3* Fractures (W=weak <10/m, M=moderate 10-40/m, S=strong >40/m)

SYNOPTIC LOG
GOLDEN REVENUE
 ATAC RESOURCES LTD.

Hole: DN84-03

Page 2 / 2

From (m)	To (m)	Interval (m)	Unit	1*	2*	3*	Comments	From (m)	To (m)	Interval (m)	Sample No.	REC %	Au (g/t)	Cu ppm	Ag ppm	Zn ppm	
				O	CW	M		55.78	57.09	1.31	N31367	100	0.04	60	0.1	2	
				O	CW	M		57.09	58.61	1.52	N31368	100	0.08	52	0.2	2	
59.13	60.15	1.02	QZMZ	O	CW	M		58.61	60.14	1.53	N31369	100	0.80	160	0.8	2	
60.15	71.01	10.86	GNIS	O	CW	M		60.14	61.87	1.73	N31370	100	3.04	327	1.7	16	
				O	CW	M		61.87	63.40	1.53	N31371	100	0.91	423	0.3	24	
				O	CW	M		63.40	64.92	1.52	N31372	100	0.28	412	0.2	23	
				O	CW	M		64.92	66.45	1.53	N31373	100	1.02	440	0.7	22	
				O	CW	M	narrow quartz veins w pyrite and arsenopyrite	66.45	67.97	1.52	N31374	100	1.49	1750	0.6	35	
				O	CW	M		67.97	69.49	1.52	N31375	100	0.51	980	1.3	32	
				O	CW	M		69.49	71.02	1.53	N31376	100	0.68	750	0.8	22	
71.01	79.20	8.19	PPFX	O	CW	M	~5% of rock is pits after sulphides	71.02	72.85	1.83	N31377	100	1.69	295	1.6	2	
				O	CW	M	strongly weathered	72.85	74.68	1.83	N31378	100	2.72	160	2.8	3	
				O	CW	M		74.68	76.20	1.52	N31379	100	3.82	170	4.7	5	
				O	CW	M		76.20	77.72	1.52	N31380	100	1.31	188	2.6	7	
				O	CW	M	quartz flooding near contact	77.72	79.25	1.53	N3681	100	1.49	146	1.5	7	
79.20	80.15	0.95	GNIS	O	CW	M		79.25	80.92	1.67	N3682	100	1.54	820	2.9	13	
80.15	85.65	5.50	GRAN	O	CW	M		80.92	82.60	1.68	N3683	100	0.08	113	0.8	1	
				O	CW	M		82.60	84.12	1.52	N3684	100	0.24	94	0.6	1	
				O	CW	M		84.12	85.65	1.53	N3685	100	0.36	81	0.4	1	
85.65	86.20	0.55	QZMZ	O	CW	W		85.65	86.87	1.22	N3686	80	0.51	194	1.0	9	
86.20	91.44	5.24	GNIS	O	CW	W		86.87	88.39	1.52	N3687	80	1.16	286	2.2	13	
				O	CW	W		88.39	89.92	1.53	N3688	80	0.33	850	0.4	23	
				O	CW	W		89.92	91.44	1.52	N3689	80	0.95	312	1.2	13	
		EOH							EOH								

1* Weathering (O=oxide, S=supergene, SC=supergene carbonates, SO=supergene oxide, SS=supergene sulphide, TR=transition, F=fresh)

2* Alteration (U=unaltered, CW=weathering clay, P=propylitic, CH=hypogene clay, K=k-feldspar, S=silicification) 3* Fractures (W=weak <10/m, M=moderate 10-40/m, S=strong >40/m)

SYNOPTIC LOG
GOLDEN REVENUE
ATAC RESOURCES LTD

Hole: PN88-02 **Property:** Golden Revenue **Section:**

Section:

Easting: Northing: Elevation: Depth: Logger:

Depth: Logger:

Logger:

30.48 m Drilling Dates:

Drilling Dates:

Depth	Collar	
Azimuth	270°	
Dip	-50°	
Method	Compass	

Page 1 / 1

[illegible]

1* Weathering (O=oxide, S=supergene, SC=supergene carbonates, SO=supergene oxide, SS=supergene sulphide, TR=transition, F=fresh)

2* Alteration (U=unaltered, CW=weathering clay, P=propylitic, CH=hypogene clay, K=k-feldspar, S=silicification) 3* Fractures (W=weak <10/m, M=moderate 10-40/m, S=strong >40/m)

SYNOPTIC LOG
GOLDEN REVENUE
ATAC RESOURCES LTD.

Hole: PN88-03 Property: Golden Revenue Section:

Easting: **Northing:** **Elevation:** **Depth:** **Logger:**

30.48 m Drilling Dates:

Depth	Collar	
Azimuth	270°	
Dip	-50°	
Method	Compass	

Page 1 / 1

[illegible]

1* Weathering (O=oxide, S=supergene, SC=supergene carbonates, SO=supergene oxide, SS=supergene sulphide, TR=transition, F=fresh)

2* Alteration (U=unaltered, CW=weathering clay, P=propylitic, CH=hypogene clay, K=k-feldspar, S=silicification) 3* Fractures (W=weak <10/m, M=moderate 10-40/m, S=strong >40/m)

SYNOPTIC LOG
GOLDEN REVENUE
ATAC RESOURCES LTD.

Hole: PN88-04 Property: Golden Revenue Section:

Easting: **Northing:** **Elevation:** **Depth:** **Logger:**

			30.48 m	Drilling Dates:

Depth	Collar	
Azimuth	270°	
Dip	-50°	
Method	Compass	

Page 1 / 1

[illegible]

1* Weathering (O=oxide, S=supergene, SC=supergene carbonates, SO=supergene oxide, SS=supergene sulphide, TR=transition, F=fresh)

2* Alteration (U=unaltered, CW=weathering clay, P=propylitic, CH=hypogene clay, K=k-feldspar, S=silicification) 3* Fractures (W=weak <10/m, M=moderate 10-40/m, S=strong >40/m)

SYNOPTIC LOG
GOLDEN REVENUE
ATAC RESOURCES LTD

Hole: PN88-05 Property: Golden Revenue Section:

Easting: **Northing:** **Elevation:** **Depth:** **Logger:**

30.48 m Drilling Dates:

Depth	Collar	
Azimuth	270°	
Dip	-50°	
Method	Compass	

Page 1 / 1

[illegible]

1* Weathering (O=oxide, S=supergene, SC=supergene carbonates, SO=supergene oxide, SS=supergene sulphide, TR=transition, F=fresh)

2* Alteration (U=unaltered, CW=weathering clay, P=propylitic, CH=hypogene clay, K=k-feldspar, S=silicification) 3* Fractures (W=weak <10/m, M=moderate 10-40/m, S=strong >40/m)

ATAC RESOURCES LTD.

Easting: **Northing:** **Elevation:** **Depth:** **Logger:**

30.48

Depth	Collar	
Azimuth	270°	
Dip	-50°	
Method	Compass	

Page 1 / 1

[illegible]

1* Weathering (O=oxide, S=supergene, SC=supergene carbonates, SO=supergene oxide, SS=supergene sulphide, TR=transition, F=fresh)

2* Alteration (U=unaltered, CW=weathering clay, P=propylitic, CH=hypogene clay, K=k-feldspar, S=silicification) 3* Fractures (W=weak <10/m, M=moderate 10-40/m, S=strong >40/m)

SYNOPTIC LOG
GOLDEN REVENUE
ATAC RESOURCES LTD.

Hole: PN88-07 **Property:** Golden Revenue **Section:**

Easting: Northing: Elevation: Depth: Logger:

30.48 m Drilling Dates:

Depth	Collar	
Azimuth	270°	
Dip	-50°	
Method	Compass	

Page 1 / 1

[illegible]

1* Weathering (O=oxide, S=supergene, SC=supergene carbonates, SO=supergene oxide, SS=supergene sulphide, TR=transition, F=fresh)

2* Alteration (U=unaltered, CW=weathering clay, P=propylitic, CH=hypogene clay, K=k-feldspar, S=silicification) 3* Fractures (W=weak <10/m, M=moderate 10-40/m, S=strong >40/m)

ATAC RESOURCES LTD.

Easting: Northing: Elevation: Depth: Logger:

			30.48 m	Drilling Dates:

Depth	Collar	
Azimuth	270°	
Dip	-50°	
Method	Compass	

Page 1 / 1

[illegible]

1* Weathering (O=oxide, S=supergene, SC=supergene carbonates, SO=supergene oxide, SS=supergene sulphide, TR=transition, F=fresh)

2* Alteration (U=unaltered, CW=weathering clay, P=propylitic, CH=hypogene clay, K=k-feldspar, S=silicification) 3* Fractures (W=weak <10/m, M=moderate 10-40/m, S=strong >40/m)

SYNOPTIC LOG
GOLDEN REVENUE
ATAC RESOURCES LTD.

Hole: PN88-09 **Property:** Golden Revenue **Section:** _____

Easting: Northing: Elevation: Depth: Logger:

			30.48 m	Drilling Dates:	

Depth	Collar	
Azimuth	270°	
Dip	-50°	
Method	Compass	

Page 1 / 1

[illegible]

1* Weathering (O=oxide, S=supergene, SC=supergene carbonates, SO=supergene oxide, SS=supergene sulphide, TR=transition, F=fresh)

2* Alteration (U=unaltered, CW=weathering clay, P=propylitic, CH=hypogene clay, K=k-feldspar, S=silicification) 3* Fractures (W=weak <10/m, M=moderate 10-40/m, S=strong >40/m)

ATAC RESOURCES LTD.

Section:

30.48 m

Logger:

Drilling Dates:

Method	Compass

Page 1 / 1

1* Weathering (O=oxide, S=supergene, SC=supergene carbonates, SO=supergene oxide, SS=supergene sulphide, TR=transition, F=fresh)
2* Alteration (U=unaltered, CW=weathering clay, P=propylitic, CH=hydropene clay, K=k-feldspar, S=silicification) 3* Fractures (W=weak <10/m, M=moderate 10-40/m, S=strong >40/m)

SYNOPTIC LOG
GOLDEN REVENUE
ATAC RESOURCES LTD.

Hole: PN88-11 **Property:** Golden Revenue **Section:**

Easting: Northing: Elevation: Depth: Logger:

			30.48 m	Drilling Dates:	

Depth	Collar	
Azimuth	270°	
Dip	-50°	
Method	Compass	

Page 1 / 1

[illegible]

1* Weathering (O=oxide, S=supergene, SC=supergene carbonates, SO=supergene oxide, SS=supergene sulphide, TR=transition, F=fresh)

2* Alteration (U=unaltered, CW=weathering clay, P=propylitic, CH=hypogene clay, K=k-feldspar, S=silicification) 3* Fractures (W=weak <10/m, M=moderate 10-40/m, S=strong >40/m)

SYNOPTIC LOG
GOLDEN REVENUE
ATAC RESOURCES LTD.

Hole: PN88-12 **Property:** Golden Revenue **Section:**

Easting: Northing: Elevation: Depth: Logger:

			30.48 m	Drilling Dates:

Depth	Collar	
Azimuth	270°	
Dip	-50°	
Method	Compass	

Page 1 / 1

[illegible]

1* Weathering (O=oxide, S=supergene, SC=supergene carbonates, SO=supergene oxide, SS=supergene sulphide, TR=transition, F=fresh)

2* Alteration (U=unaltered, CW=weathering clay, P=propylitic, CH=hypogene clay, K=k-feldspar, S=silicification) 3* Fractures (W=weak <10/m, M=moderate 10-40/m, S=strong >40/m)

SYNOPTIC LOG
GOLDEN REVENUE
ATAC RESOURCES LTD.

Hole: PN88-13 Property: Golden Revenue Section:

Section: _____

Easting: Northing: Elevation: Depth: Logger:

Depth: _____ Logger: _____

Logger: _____

30.48 m Drilling Dates:

Depth	Collar	
Azimuth	270°	
Dip	-50°	
Method	Compass	

Page 1 / 1

[illegible]

1* Weathering (O=oxide, S=supergene, SC=supergene carbonates, SO=supergene oxide, SS=supergene sulphide, TR=transition, F=fresh)

2* Alteration (U=unaltered, CW=weathering clay, P=propylitic, CH=hypogene clay, K=k-feldspar, S=silicification) 3* Fractures (W=weak <10/m, M=moderate 10-40/m, S=strong >40/m)

SYNOPTIC LOG
GOLDEN REVENUE
ATAC RESOURCES LTD.

Hole: PN88-14 **Property:** Golden Revenue **Section:**

Easting: Northing: Elevation: Depth: Logger:

			30.48 m	Drilling Dates:	

Depth	Collar	
Azimuth	270°	
Dip	-50°	
Method	Compass	

Page 1 / 1

[illegible]

1* Weathering (O=oxide, S=supergene, SC=supergene carbonates, SO=supergene oxide, SS=supergene sulphide, TR=transition, F=fresh)

2* Alteration (U=unaltered, CW=weathering clay, P=propylitic, CH=hypogene clay, K=k-feldspar, S=silicification) 3* Fractures (W=weak <10/m, M=moderate 10-40/m, S=strong >40/m)

SYNOPTIC LOG
GOLDEN REVENUE
ATAC RESOURCES LTD.

Hole: PN88-15 **Property:** Golden Revenue **Section:**

Easting: Northing: Elevation: Depth: Logger:

			30.48 m	Drilling Dates:	

Depth	Collar	
Azimuth	270°	
Dip	-50°	
Method	Compass	

Page 1 / 1

[illegible]

1* Weathering (O=oxide, S=supergene, SC=supergene carbonates, SO=supergene oxide, SS=supergene sulphide, TR=transition, F=fresh)

2* Alteration (U=unaltered, CW=weathering clay, P=propylitic, CH=hypogene clay, K=k-feldspar, S=silicification) 3* Fractures (W=weak <10/m, M=moderate 10-40/m, S=strong >40/m)

SYNOPTIC LOG
GOLDEN REVENUE
ATAC RESOURCES LTD.

Hole: PN88-16 **Property:** Golden Revenue **Section:**

Easting: Northing: Elevation: Depth: Logger:

			30.48 m	Drilling Dates:

Depth	Collar	
Azimuth	270°	
Dip	-50°	
Method	Compass	

Page 1 / 1

[illegible]

1* Weathering (O=oxide, S=supergene, SC=supergene carbonates, SO=supergene oxide, SS=supergene sulphide, TR=transition, F=fresh)

2* Alteration (U=unaltered, CW=weathering clay, P=propylitic, CH=hypogene clay, K=k-feldspar, S=silicification) 3* Fractures (W=weak <10/m, M=moderate 10-40/m, S=strong >40/m)

SYNOPTIC LOG
GOLDEN REVENUE
ATAC RESOURCES LTD

Hole: PN88-17 **Property:** Golden Revenue **Section:**

Easting: Northing: Elevation: Depth: Logger:

			30.48 m	Drilling Dates:

Depth	Collar	
Azimuth	270°	
Dip	-50°	
Method	Compass	

Page 1 / 1

[illegible]

1* Weathering (O=oxide, S=supergene, SC=supergene carbonates, SO=supergene oxide, SS=supergene sulphide, TR=transition, F=fresh)

2* Alteration (U=unaltered, CW=weathering clay, P=propylitic, CH=hypogene clay, K=k-feldspar, S=silicification) 3* Fractures (W=weak <10/m, M=moderate 10-40/m, S=strong >40/m)

SYNOPTIC LOG
GOLDEN REVENUE
ATAC RESOURCES LTD.

Hole: PN88-18 Property: Golden Revenue Section:

Easting: Northing: Elevation: Depth: Logger:

			30.48 m	Drilling Dates:	

Depth	Collar	
Azimuth	270°	
Dip	-50°	
Method	Compass	

Page 1 / 1

[illegible]

1* Weathering (O=oxide, S=supergene, SC=supergene carbonates, SO=supergene oxide, SS=supergene sulphide, TR=transition, F=fresh)

2* Alteration (U=unaltered, CW=weathering clay, P=propylitic, CH=hypogene clay, K=k-feldspar, S=silicification) 3* Fractures (W=weak <10/m, M=moderate 10-40/m, S=strong >40/m)

SYNOPTIC LOG
GOLDEN REVENUE
ATAC RESOURCES LTD.

Hole: PN88-19 **Property:** Golden Revenue **Section:**

Section:

Easting: Northing: Elevation: Depth: Logger:

Depth: Logger:

Logger:

Easting: Northing: Elevation: Depth: Logger:

30.48 m Drilling Dates:

Drilling Dates: _____

Depth	Collar	
Azimuth	270°	
Dip	-50°	
Method	Compass	

Page 1 / 1

[illegible]

1* Weathering (O=oxide, S=supergene, SC=supergene carbonates, SO=supergene oxide, SS=supergene sulphide, TR=transition, F=fresh)

2* Alteration (U=unaltered, CW=weathering clay, P=propylitic, CH=hypogene clay, K=k-feldspar, S=silicification) 3* Fractures (W=weak <10/m, M=moderate 10-40/m, S=strong >40/m)

SYNOPTIC LOG
GOLDEN REVENUE
ATAC RESOURCES LTD.

Hole: PN88-20 Property: Golden Revenue Section: _____

Easting: Northing: Elevation: Depth: Logger:

30.48 m | Drilling Dates:

Depth	Collar	
Azimuth	270°	
Dip	-50°	
Method	Compass	

Page 1 / 1

[illegible]

1* Weathering (O=oxide, S=supergene, SC=supergene carbonates, SO=supergene oxide, SS=supergene sulphide, TR=transition, F=fresh)

2* Alteration (U=unaltered, CW=weathering clay, P=propylitic, CH=hypogene clay, K=k-feldspar, S=silicification) 3* Fractures (W=weak <10/m, M=moderate 10-40/m, S=strong >40/m)

Hole:	PN88-21	Property:	Golden Revenue	Section:
Easting:		Northing:	Elevation:	Depth:
				Logger:

Depth	Collar
Azimuth	270°
Dip	-50°
Method	Compass

				30.48 m

[illegible]

1* Weathering (O=oxide, S=supergene, SC=supergene carbonates, SO=supergene sulphide, TR=transition, F=fresh)

2* Alteration (U=unaltered, CW=weathering clay, P=propylitic, CH=hypogene clay, K=k-feldspar, S=silicification) 3* Fractures (W=weak <10/m, M=moderate 10-40/m, S=strong >40/m)

SYNOPTIC LOG
GOLDEN REVENUE
ATAC RESOURCES LTD.

Hole: PN88-22 **Property:** Golden Revenue **Section:** _____

Easting: Northing: Elevation: Depth: Logger:

			30.48 m	Drilling Dates:	

Depth	Collar	
Azimuth	270°	
Dip	-50°	
Method	Compass	

[illegible]

1* Weathering (O=oxide, S=supergene, SC=supergene carbonates, SO=supergene oxide, SS=supergene sulphide, TR=transition, F=fresh)

2* Alteration (U=unaltered, CW=weathering clay, P=propylitic, CH=hypogene clay, K=k-feldspar, S=silicification) 3* Fractures (W=weak <10/m, M=moderate 10-40/m, S=strong >40/m)

SYNOPTIC LOG
GOLDEN REVENUE
ATAC RESOURCES LTD.

Hole: PN88-23 Property: Golden Revenue Section:

Easting: Northing: Elevation: Depth: Logger:

			30.48 m	Drilling Dates:

Depth	Collar	
Azimuth	270°	
Dip	-50°	
Method	Compass	

Page 1 / 1

[illegible]

1* Weathering (O=oxide, S=supergene, SC=supergene carbonates, SO=supergene oxide, SS=supergene sulphide, TR=transition, F=fresh)

2* Alteration (U=unaltered, CW=weathering clay, P=propylitic, CH=hypogene clay, K=k-feldspar, S=silicification) 3* Fractures (W=weak <10/m, M=moderate 10-40/m, S=strong >40/m)

SYNOPTIC LOG
GOLDEN REVENUE
ATAC RESOURCES LTD.

Hole: PN88-25 **Property:** Golden Revenue **Section:**

Easting: Northing: Elevation: Depth: Logger:

30.48 m

Logger:

30.48 m Drilling Dates:

Depth	Collar	
Azimuth	270°	
Dip	-50°	
Method	Compass	

Page 1 / 1

[illegible]

1* Weathering (O=oxide, S=supergene, SC=supergene carbonates, SO=supergene oxide, SS=supergene sulphide, TR=transition, F=fresh)

2* Alteration (U=unaltered, CW=weathering clay, P=propylitic, CH=hypogene clay, K=k-feldspar, S=silicification) 3* Fractures (W=weak <10/m, M=moderate 10-40/m, S=strong >40/m)

SYNOPTIC LOG
GOLDEN REVENUE
ATAC RESOURCES LTD.

Hole: PN88-26 **Property:** Golden Revenue **Section:**

Easting: Northing: Elevation: Depth: Logger:

			30.48 m	Drilling Dates:	

Depth	Collar	
Azimuth	270°	
Dip	-50°	
Method	Compass	

Page 1 / 1

[illegible]

1* Weathering (O=oxide, S=supergene, SC=supergene carbonates, SO=supergene oxide, SS=supergene sulphide, TR=transition, F=fresh)

2* Alteration (U=unaltered, CW=weathering clay, P=propylitic, CH=hypogene clay, K=k-feldspar, S=silicification) 3* Fractures (W=weak <10/m, M=moderate 10-40/m, S=strong >40/m)

SYNOPTIC LOG
GOLDEN REVENUE
ATAC RESOURCES LTD.

Hole: PN88-27 **Property:** Golden Revenue **Section:**

Easting: Northing: Elevation: Depth: Logger:

			30.48 m	Drilling Dates:	

Depth	Collar	
Azimuth	270°	
Dip	-50°	
Method	Compass	

Page 1 / 1

[illegible]

1* Weathering (O=oxide, S=supergene, SC=supergene carbonates, SO=supergene oxide, SS=supergene sulphide, TR=transition, F=fresh)

2* Alteration (U=unaltered, CW=weathering clay, P=propylitic, CH=hypogene clay, K=k-feldspar, S=silicification) 3* Fractures (W=weak <10/m, M=moderate 10-40/m, S=strong >40/m)

SYNOPTIC LOG
GOLDEN REVENUE
ATAC RESOURCES LTD.

Hole: PN88-28 **Property:** Golden Revenue **Section:**

Easting: Northing: Elevation: Depth: Logger:

ATAC RESOURCES LTD.

			30.48 m	Drilling Dates:	

Depth	Collar	
Azimuth	270°	
Dip	-50°	
Method	Compass	

Page 1 / 1

[illegible]

1* Weathering (O=oxide, S=supergene, SC=supergene carbonates, SO=supergene oxide, SS=supergene sulphide, TR=transition, F=fresh)

2* Alteration (U=unaltered, CW=weathering clay, P=propylitic, CH=hypogene clay, K=k-feldspar, S=silicification) 3* Fractures (W=weak <10/m, M=moderate 10-40/m, S=strong >40/m)

SYNOPTIC LOG
GOLDEN REVENUE
ATAC RESOURCES LTD.

Hole: PN88-29 **Property:** Golden Revenue **Section:**

Easting: Northing: Elevation: Depth: Logger:

			30.48 m	Drilling Dates:

Depth	Collar	
Azimuth	270°	
Dip	-50°	
Method	Compass	

Page 1 / 1

[illegible]

1* Weathering (O=oxide, S=supergene, SC=supergene carbonates, SO=supergene oxide, SS=supergene sulphide, TR=transition, F=fresh)

2* Alteration (U=unaltered, CW=weathering clay, P=propylitic, CH=hypogene clay, K=k-feldspar, S=silicification) 3* Fractures (W=weak <10/m, M=moderate 10-40/m, S=strong >40/m)

SYNOPTIC LOG
GOLDEN REVENUE
ATAC RESOURCES LTD.

Hole: PN88-30 **Property:** Golden Revenue **Section:**

Easting: Northing: Elevation: Depth: Logger:

			30.48 m	Drilling Dates:	

Depth	Collar	
Azimuth	270°	
Dip	-50°	
Method	Compass	

Page 1 / 1

[illegible]

1* Weathering (O=oxide, S=supergene, SC=supergene carbonates, SO=supergene oxide, SS=supergene sulphide, TR=transition, F=fresh)

2* Alteration (U=unaltered, CW=weathering clay, P=propylitic, CH=hypogene clay, K=k-feldspar, S=silicification) 3* Fractures (W=weak <10/m, M=moderate 10-40/m, S=strong >40/m)

SYNOPTIC LOG
GOLDEN REVENUE
ATAC RESOURCES LTD.

Hole: PN88-31 Property: Golden Revenue Section: _____

Easting: _____ Northing: _____ Elevation: _____ Depth: 91.44 m Logger: _____
 _____ Drilling Dates: _____

Depth	Collar	
Azimuth	90°	
Dip	-50°	
Method	Compass	

Page 1 / 2

From (m)	To (m)	Interval (m)	Unit	1*	2*	3*	Comments	From (m)	To (m)	Interval (m)	Sample No.	REC %	Au (g/t)				
								0.00	1.52	1.52	88-31 0-10		0.27				
								1.52	3.05	1.52	88-31 10-15		0.24				
								3.05	4.57	1.52	88-31 15-20		0.48				
								4.57	6.10	1.52	88-31 20-25		0.17				
								6.10	7.62	1.52	88-31 25-30		0.10				
								7.62	9.14	1.52	88-31 30-35		0.17				
								9.14	10.67	1.52	88-31 35-40		0.86				
								10.67	12.19	1.52	88-31 40-45		0.51				
								12.19	13.72	1.52	88-31 45-50		0.07				
								13.72	15.24	1.52	88-31 50-55		0.07				
								15.24	16.76	1.52	88-31 55-60		0.07				
								16.76	18.29	1.52	88-31 60-65		0.03				
								18.29	19.81	1.52	88-31 65-70		0.07				
								19.81	21.34	1.52	88-31 70-75		0.07				
								21.34	22.86	1.52	88-31 75-80		0.03				
								22.86	24.38	1.52	88-31 80-85		0.14				
								24.38	25.91	1.52	88-31 85-90		0.03				
								25.91	27.43	1.52	88-31 90-95		0.03				
								27.43	28.96	1.52	88-31 95-100		0.07				
								28.96	30.48	1.52	88-31 100-105		0.10				
								30.48	32.00	1.52	88-31 105-110		0.17				
								32.00	33.53	1.52	88-31 110-115		0.07				
								33.53	35.05	1.52	88-31 115-120		0.07				
								35.05	36.58	1.52	88-31 120-125		0.07				
								36.58	38.10	1.52	88-31 125-130		0.07				
								38.10	39.62	1.52	88-31 130-135		0.07				
								39.62	41.15	1.52	88-31 135-140		0.07				
								41.15	42.67	1.52	88-31 140-145		0.38				
								42.67	44.20	1.52	88-31 145-150		0.34				
								44.20	45.72	1.52	88-31 150-155		0.24				
								45.72	47.24	1.52	88-31 155-160		0.41				

1* Weathering (O=oxide, S=supergene, SC=supergene carbonates, SO=supergene oxide, SS=supergene sulphide, TR=transition, F=fresh)

2* Alteration (U=unaltered, CW=weathering clay, P=propylitic, CH=hypogene clay, K=k-feldspar, S=silicification) 3* Fractures (W=weak <10/m, M=moderate 10-40/m, S=strong >40/m)

SYNOPTIC LOG
GOLDEN REVENUE
 ATAC RESOURCES LTD.

Hole: PN88-31

Page 2 / 2

From (m)	To (m)	Interval (m)	Unit	1*	2*	3*	Comments	From (m)	To (m)	Interval (m)	Sample No.	REC %	Au (g/t)				
								47.24	48.77	1.52	88-31 160-165		0.41				
								48.77	50.29	1.52	88-31 165-170		0.41				
								50.29	51.82	1.52	88-31 170-175		0.89				
								51.82	53.34	1.52	88-31 175-180		0.17				
								53.34	54.86	1.52	88-31 180-185		0.89				
								54.86	56.39	1.52	88-31 185-190		0.89				
								56.39	57.91	1.52	88-31 190-195		0.10				
								57.91	59.44	1.52	88-31 195-200		0.07				
								59.44	60.96	1.52	88-31 200-205		0.38				
								60.96	62.48	1.52	88-31 205-210		0.10				
								62.48	64.01	1.52	88-31 210-215		17.55				
								64.01	65.53	1.52	88-31 215-220		4.56				
								65.53	67.06	1.52	88-31 220-225		0.86				
								67.06	68.58	1.52	88-31 225-230		21.67				
								68.58	70.10	1.52	88-31 230-235		0.55				
								70.10	71.63	1.52	88-31 235-240		0.75				
								71.63	73.15	1.52	88-31 240-245		0.79				
								73.15	74.68	1.52	88-31 245-250		1.13				
								74.68	76.20	1.52	88-31 250-255		0.48				
								76.20	77.72	1.52	88-31 255-260		0.93				
								77.72	79.25	1.52	88-31 260-265		1.17				
								79.25	80.77	1.52	88-31 265-270		0.24				
								80.77	82.30	1.52	88-31 270-275		0.21				
								82.30	83.82	1.52	88-31 275-280		0.38				
								83.82	85.34	1.52	88-31 280-285		0.27				
								85.34	86.87	1.52	88-31 285-290		0.55				
								86.87	88.39	1.52	88-31 290-295		0.38				
								88.39	91.44	3.05	88-31 295-300		0.48				

1* Weathering (O=oxide, S=supergene, SC=supergene carbonates, SO=supergene oxide, SS=supergene sulphide, TR=transition, F=fresh)

2* Alteration (U=unaltered, CW=weathering clay, P=propylitic, CH=hypogene clay, K=k-feldspar, S=silicification) 3* Fractures (W=weak <10/m, M=moderate 10-40/m, S=strong >40/m)

SYNOPTIC LOG
GOLDEN REVENUE
 ATAC RESOURCES LTD.

Hole: PN88-32 Property: Golden Revenue Section: _____

Easting: _____ Northing: _____ Elevation: _____ Depth: _____ Logger: _____

_____ 60.96 m Drilling Dates: _____

Depth	Collar	
Azimuth	090°	
Dip	-50°	
Method	Compass	

Page 1 / 2

From (m)	To (m)	Interval (m)	Unit	1*	2*	3*	Comments	From (m)	To (m)	Interval (m)	Sample No.	REC %	Au (g/t)				
								0.00	3.05	3.05	88-32 0-10		0.41				
								3.05	4.57	1.52	88-32 10-15		0.65				
								4.57	6.10	1.52	88-32 15-20		0.34				
								6.10	7.62	1.52	88-32 20-25		0.21				
								7.62	9.14	1.52	88-32 25-30		0.24				
								9.14	10.67	1.52	88-32 30-35		0.10				
								10.67	12.19	1.52	88-32 35-40		0.14				
								12.19	13.72	1.52	88-32 40-45		0.07				
								13.72	15.24	1.52	88-32 45-50		0.17				
								15.24	16.76	1.52	88-32 50-55		0.07				
								16.76	18.29	1.52	88-32 55-60		0.07				
								18.29	19.81	1.52	88-32 60-65		0.07				
								19.81	21.34	1.52	88-32 65-70		0.03				
								21.34	22.86	1.52	88-32 70-75		0.07				
								22.86	24.38	1.52	88-32 75-80		0.03				
								24.38	25.91	1.52	88-32 80-85		0.51				
								25.91	27.43	1.52	88-32 85-90		0.27				
								27.43	28.96	1.52	88-32 90-95		0.34				
								28.96	30.48	1.52	88-32 95-100		0.21				
								30.48	32.00	1.52	88-32 100-105		0.07				
								32.00	33.53	1.52	88-32 105-110		0.14				
								33.53	35.05	1.52	88-32 110-115		0.34				
								35.05	36.58	1.52	88-32 115-120		0.82				
								36.58	38.10	1.52	88-32 120-125		0.21				
								38.10	39.62	1.52	88-32 125-130		0.65				
								39.62	41.15	1.52	88-32 130-135		2.64				
								41.15	42.67	1.52	88-32 135-140		4.53				
								42.67	44.20	1.52	88-32 140-145		1.17				
								44.20	45.72	1.52	88-32 145-150		0.55				
								45.72	47.24	1.52	88-32 150-155		1.89				
								47.24	48.77	1.52	88-32 155-160		2.64				

1* Weathering (O=oxide, S=supergene, SC=supergene carbonates, SO=supergene oxide, SS=supergene sulphide, TR=transition, F=fresh)

2* Alteration (U=unaltered, CW=weathering clay, P=propylitic, CH=hypogene clay, K=k-feldspar, S=silicification) 3* Fractures (W=weak <10/m, M=moderate 10-40/m, S=strong >40/m)

SYNOPTIC LOG
GOLDEN REVENUE
ATAC RESOURCES LTD.

Hole: PN88-32

Page 2 / 2

[illegible]

1* Weathering (O=oxide, S=supergene, SC=supergene carbonates, SO=supergene oxide, SS=supergene sulphide, TR=transition, F=fresh)

2* Alteration (U=unaltered, CW=weathering clay, P=propylitic, CH=hypogene clay, K=k-feldspar, S=silicification) 3* Fractures (W=weak <10/m, M=moderate 10-40/m, S=strong >40/m)

SYNOPTIC LOG
GOLDEN REVENUE
 ATAC RESOURCES LTD.

Hole: PN88-33 Property: Golden Revenue Section: _____

Easting: _____ Northing: _____ Elevation: _____ Depth: 106.68 m Logger: _____
 Drilling Dates: _____

Depth	Collar	
Azimuth	090°	
Dip	-75°	
Method		

Page 1 / 3

From (m)	To (m)	Interval (m)	Unit	1*	2*	3*	Comments	From (m)	To (m)	Interval (m)	Sample No.	REC %	Au (g/t)				
								0.00	3.05	3.05	88-33 0-10		0.17				
								3.05	4.57	1.52	88-33 10-15		0.38				
								4.57	6.10	1.52	88-33 15-20		0.31				
								6.10	7.62	1.52	DH88-33 20-25		0.69				
								7.62	9.14	1.52	DH88-33 25-30		0.24				
								9.14	10.67	1.52	88-33 30-35		0.24				
								10.67	12.19	1.52	88-33 35-40		0.34				
								12.19	13.72	1.52	88-33 40-45		0.79				
								13.72	15.24	1.52	88-33 45-50		1.78				
								15.24	16.76	1.52	88-33 50-55		5.04				
								16.76	18.29	1.52	88-33 55-60		1.10				
								18.29	19.81	1.52	88-33 60-65		0.62				
								19.81	21.34	1.52	88-33 65-70		0.51				
								21.34	22.86	1.52	88-33 70-75		2.09				
								22.86	24.38	1.52	88-33 75-80		1.03				
								24.38	25.91	1.52	88-33 80-85		1.10				
								25.91	27.43	1.52	88-33 85-90		0.17				
								27.43	28.96	1.52	88-33 90-95		0.21				
								28.96	30.48	1.52	88-33 95-100		0.65				
								30.48	32.00	1.52	88-33 100-105		0.14				
								32.00	33.53	1.52	88-33 105-110		0.14				
								33.53	35.05	1.52	88-33 110-115		0.03				
								35.05	36.58	1.52	88-33 115-120		1.75				
								36.58	38.10	1.52	88-33 120-125		0.17				
								38.10	39.62	1.52	88-33 125-130		0.10				
								39.62	41.15	1.52	88-33 130-135		0.34				
								41.15	42.67	1.52	88-33 135-140		0.45				
								42.67	44.20	1.52	88-33 140-145		0.31				
								44.20	45.72	1.52	88-33 145-150		0.34				
								45.72	47.24	1.52	88-33 150-155		0.21				
								47.24	48.77	1.52	88-33 155-160		0.10				

1* Weathering (O=oxide, S=supergene, SC=supergene carbonates, SO=supergene oxide, SS=supergene sulphide, TR=transition, F=fresh)

2* Alteration (U=unaltered, CW=weathering clay, P=propylitic, CH=hypogene clay, K=k-feldspar, S=silicification) 3* Fractures (W=weak <10/m, M=moderate 10-40/m, S=strong >40/m)

SYNOPTIC LOG
GOLDEN REVENUE
ATAC RESOURCES LTD.

Hole: PN88-33

Page 2 / 3

From (m)	To (m)	Interval (m)	Unit	1*	2*	3*	Comments	From (m)	To (m)	Interval (m)	Sample No.	REC %	Au (g/t)				
								48.77	50.29	1.52	88-33 160-165		0.03				
								50.29	51.82	1.52	88-33 165-170		0.03				
								51.82	53.34	1.52	88-33 170-175		1.37				
								53.34	54.86	1.52	88-33 175-180		1.10				
								54.86	56.39	1.52	88-33 180-185		0.58				
								56.39	57.91	1.52	88-33 185-190		0.69				
								57.91	59.44	1.52	88-33 190-195		0.14				
								59.44	60.96	1.52	88-33 195-200		0.10				
								60.96	62.48	1.52	88-33 200-205		0.03				
								62.48	64.01	1.52	88-33 205-210		0.07				
								64.01	65.53	1.52	88-33 210-215		0.14				
								65.53	67.06	1.52	88-33 215-220		0.10				
								67.06	68.58	1.52	88-33 220-225		0.07				
								68.58	70.10	1.52	88-33 225-230		0.34				
								70.10	71.63	1.52	88-33 230-235		0.51				
								71.63	73.15	1.52	88-33 235-240		0.69				
								73.15	74.68	1.52	88-33 240-245		0.41				
								74.68	76.20	1.52	88-33 245-250		0.31				
								76.20	77.72	1.52	88-33 250-255		0.17				
								77.72	79.25	1.52	88-33 255-260		0.34				
								79.25	80.77	1.52	88-33 260-265		0.14				
								80.77	82.30	1.52	88-33 265-270		0.21				
								82.30	83.82	1.52	88-33 270-275		0.24				
								83.82	85.34	1.52	88-33 275-280		0.14				
								85.34	86.87	1.52							
								86.87	88.39	1.52	88-33 285-290		0.38				
								88.39	89.92	1.52	88-33 290-295		0.27				
								89.92	91.44	1.52	88-33 295-300		0.27				
								91.44	92.96	1.52	88-33 300-305		0.03				
								92.96	94.49	1.52	88-33 305-310		0.31				
								94.49	96.01	1.52	88-33 310-315		0.17				

1* Weathering (O=oxide, S=supergene, SC=supergene carbonates, SO=supergene oxide, SS=supergene sulphide, TR=transition, F=fresh)

2* Alteration (U=unaltered, CW=weathering clay, P=propylitic, CH=hypogene clay, K=k-feldspar, S=silicification) 3* Fractures (W=weak <10/m, M=moderate 10-40/m, S=strong >40/m)

SYNOPTIC LOG
GOLDEN REVENUE
ATAC RESOURCES LTD.

Hole:

PN88-33

[illegible]

1' Weathering (O=oxide, S=supergene, SC=supergene carbonates, SO=supergene oxide, SS=supergene sulphide, TR=transition, F=fresh)
2' Alteration (U=unaltered, CW=weathering clay, P=propylitic, CH=hypogene clay, K=k-feldspar, S=silicification) 3* Fractures (W=weak <10/m, M=moderate 10-40/m, S=strong >40/m)

SYNOPTIC LOG
GOLDEN REVENUE
 ATAC RESOURCES LTD.

Hole: PN88-34 Property: Golden Revenue Section: _____

Easting: _____ Northing: _____ Elevation: _____ Depth: _____ Logger: _____

_____ 45.72 m Drilling Dates: _____

Depth	Collar	
Azimuth	090°	
Dip	-50°	
Method	Compass	

Page 1/1

From (m)	To (m)	Interval (m)	Unit	1*	2*	3*	Comments	From (m)	To (m)	Interval (m)	Sample No.	REC %	Au (g/t)				
								0.00	3.05	3.05	88-34 0-10		0.75				
								3.05	4.57	1.52	88-34 10-15		0.27				
								4.57	6.10	1.52	88-34 15-20		0.24				
								6.10	7.62	1.52	88-34 20-25		0.21				
								7.62	9.14	1.52	88-34 25-30		0.34				
								9.14	10.67	1.52	88-34 30-35		1.37				
								10.67	12.19	1.52	88-34 39-40		4.25				
								12.19	13.72	1.52	88-34 40-45		0.14				
								13.72	15.24	1.52	88-34 45-50		1.61				
								15.24	16.76	1.52	88-34 50-55		0.34				
								16.76	18.29	1.52	88-34 55-60		0.14				
								18.29	19.81	1.52	88-34 60-65		0.41				
								19.81	21.34	1.52	88-34 65-70		0.58				
								21.34	22.86	1.52	88-34 70-75		0.14				
								22.86	24.38	1.52	88-34 75-80		0.17				
								24.38	25.91	1.52	88-34 80-85		0.99				
								25.91	27.43	1.52	88-34 85-90		0.24				
								27.43	28.96	1.52	88-34 90-95		0.27				
								28.96	30.48	1.52	88-34 95-100		0.21				
								30.48	32.00	1.52	88-34 100-105		0.17				
								32.00	33.53	1.52	88-34 105-110		0.62				
								33.53	35.05	1.52	88-34 110-115		2.33				
								35.05	36.58	1.52	88-34 115-120		0.48				
								36.58	38.10	1.52	88-34 120-125		0.31				
								38.10	39.62	1.52	88-34 125-130		0.10				
								39.62	41.15	1.52	88-34 130-135		0.10				
								41.15	42.67	1.52	88-34 135-140		0.10				
								42.67	44.20	1.52	88-34 140-145		0.07				
								44.20	45.72	1.52	88-34 145-150		0.14				

1* Weathering (O=oxide, S=supergene, SC=supergene carbonates, SO=supergene oxide, SS=supergene sulphide, TR=transition, F=fresh)

2* Alteration (U=unaltered, CW=weathering clay, P=propylitic, CH=hypogene clay, K=k-feldspar, S=silicification) 3* Fractures (W=weak <10/m, M=moderate 10-40/m, S=strong >40/m)

SYNOPTIC LOG
GOLDEN REVENUE
 ATAC RESOURCES LTD.

Hole: PN88-35 Property: Golden Revenue Section: _____

Easting: _____ Northing: _____ Elevation: _____ Depth: 60.06 m Logger: _____

Drilling Dates: _____

Depth	Collar	
Azimuth	090°	
Dip	-70°	
Method	Compass	

Page 1 / 2

From (m)	To (m)	Interval (m)	Unit	1*	2*	3*	Comments	From (m)	To (m)	Interval (m)	Sample No.	REC %	Au (g/t)				
								0.00	3.05	3.05	88-35 0-10		0.14				
								3.05	4.57	1.52	88-35 10-15		0.07				
								4.57	6.10	1.52	88-35 15-20		0.17				
								6.10	7.62	1.52	88-35 20-25		0.24				
								7.62	9.14	1.52	88-35 25-30		0.10				
								9.14	10.67	1.52	88-35 30-35		0.48				
								10.67	12.19	1.52	88-35 35-40		0.55				
								12.19	13.72	1.52	88-35 40-45		0.24				
								13.72	15.24	1.52	88-35 45-50		0.17				
								15.24	16.76	1.52	88-35 50-55		0.34				
								16.76	18.29	1.52	88-35 55-60		0.21				
								18.29	19.81	1.52	88-35 60-65		0.21				
								19.81	21.34	1.52	88-35 65-70		0.21				
								21.34	22.86	1.52	88-35 70-75		0.24				
								22.86	24.38	1.52	88-35 75-80		0.27				
								24.38	25.91	1.52	88-35 80-85		0.48				
								25.91	27.43	1.52	88-35 85-90		0.34				
								27.43	28.96	1.52	88-35 90-95		0.14				
								28.96	30.48	1.52	88-35 95-100		0.99				
								30.48	32.00	1.52	88-35 100-105		0.14				
								32.00	33.53	1.52	88-35 105-110		0.07				
								33.53	35.05	1.52	88-35 110-115		0.21				
								35.05	36.58	1.52	88-35 115-120		0.21				
								36.58	38.10	1.52	88-35 120-125		0.34				
								38.10	39.62	1.52	88-35 125-130		0.21				
								39.62	41.15	1.52	88-35 130-135		0.24				
								41.15	42.67	1.52	88-35 135-140		0.07				
								42.67	44.20	1.52	88-35 140-145		0.03				
								44.20	45.72	1.52	88-35 145-150		0.07				
								45.72	47.24	1.52	88-35 150-155		0.14				
								47.24	48.77	1.52	88-35 155-160		0.03				

1* Weathering (O=oxide, S=supergene, SC=supergene carbonates, SO=supergene oxide, SS=supergene sulphide, TR=transition, F=fresh)

2* Alteration (U=unaltered, CW=weathering clay, P=propylitic, CH=hypogene clay, K=k-feldspar, S=silicification) 3* Fractures (W=weak <10/m, M=moderate 10-40/m, S=strong >40/m)

Hole: PN88-35

2* Alteration (U=unaltered, CW=weathering clay, P=propylitic, CH=hypogene clay, K=k-feldspar, S=silicification) 3* Fractures (W=weak <10/m, M=moderate 10-40/m, S=strong >40/m)

APPENDIX IV
CERTIFICATES OF ANALYSIS



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

ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LTD.
1016 - 510 W. HASTINGS ST.
VANCOUVER, BC
V6B 1L8

Project : GOLDEN REVENUE
Comments:

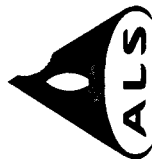
Page Number : 1-A
Total : 2
Certificate Date: 27-SEP-2001
Invoice No. : 10124574
P.O. Number :
Account : RCM

CERTIFICATE OF ANALYSIS

A0124574

SAMPLE	PREP CODE	Weight Kg	Au g/t	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm
P390047	94139402	11.38	< 0.03	< 0.2	0.77	48	< 10	50	< 0.5	2	0.05	< 0.5	2	56	179	2.05	< 10	< 1	0.18	10
P390048	94139402	10.44	0.09	< 0.2	0.71	96	< 10	60	< 0.5	10	0.06	< 0.5	1	117	339	1.83	< 10	< 1	0.22	10
P390049	94139402	10.82	< 0.03	0.2	0.44	172	< 10	70	< 0.5	2	0.03	< 0.5	1	66	125	2.46	< 10	< 1	0.21	10
P390050	94139402	10.88	< 0.03	< 0.2	0.61	332	< 10	80	0.5	< 2	0.04	< 0.5	2	65	217	3.54	< 10	< 1	0.22	20
P390051	94139402	11.46	< 0.03	< 0.2	0.82	152	< 10	60	< 0.5	2	0.07	< 0.5	11	57	173	3.18	< 10	< 1	0.21	10
P390052	94139402	11.38	0.15	0.2	1.12	56	< 10	60	< 0.5	< 2	0.11	< 0.5	8	61	320	4.02	< 10	< 1	0.39	10
P390053	94139402	10.70	0.06	< 0.2	0.85	44	< 10	50	< 0.5	< 2	0.05	< 0.5	5	54	252	2.32	< 10	< 1	0.23	20
P390054	94139402	12.46	0.15	0.8	1.79	84	< 10	80	0.5	30	0.13	< 0.5	15	79	568	3.36	10	< 1	0.71	10
P390055	94139402	12.64	0.06	0.4	1.84	70	< 10	80	< 0.5	18	0.10	< 0.5	16	59	581	4.74	10	< 1	0.61	< 10
P390056	94139402	12.68	0.42	0.2	2.74	130	< 10	40	< 0.5	8	0.07	< 0.5	12	43	484	6.02	10	< 1	1.53	< 10
P390057	94139402	12.64	0.24	1.0	2.41	382	< 10	40	< 0.5	12	0.05	< 0.5	6	102	570	5.32	10	< 1	1.43	10
P390058	94139402	12.40	0.15	1.2	2.30	74	< 10	90	< 0.5	26	0.26	1.0	18	116	1260	4.58	10	< 1	1.19	< 10
P390059	94139402	13.04	0.12	0.2	1.12	76	< 10	70	< 0.5	24	0.09	< 0.5	14	59	413	2.05	< 10	< 1	0.34	10
P390060	94139402	11.80	0.06	0.2	1.52	340	< 10	80	0.5	8	0.09	< 0.5	4	83	280	2.54	< 10	< 1	0.44	10
P390061	94139402	11.66	0.12	< 0.2	3.17	104	< 10	70	0.5	< 2	0.72	6.0	32	57	903	3.92	10	< 1	0.63	10
P390062	94139402	11.56	0.15	0.8	1.01	266	< 10	50	< 0.5	28	0.06	< 0.5	2	79	247	1.93	< 10	< 1	0.28	10
P390063	94139402	10.94	0.03	< 0.2	1.25	106	< 10	60	< 0.5	6	0.08	< 0.5	2	62	360	1.31	< 10	< 1	0.29	20
P390064	94139402	12.48	0.06	< 0.2	2.49	210	< 10	120	0.5	< 2	0.09	< 0.5	3	84	429	3.11	10	< 1	1.06	10
P390065	94139402	11.02	0.15	0.8	2.09	1860	< 10	140	0.5	6	0.08	< 0.5	4	48	494	3.95	< 10	< 1	1.03	10
P390066	94139402	11.46	0.06	< 0.2	3.17	186	< 10	400	< 0.5	< 2	0.09	< 0.5	9	53	827	4.96	10	< 1	1.69	< 10
P390067	94139402	15.84	0.15	< 0.2	2.99	152	< 10	140	0.5	2	0.23	< 0.5	12	99	1390	4.93	10	< 1	1.61	10
P390068	94139402	11.44	0.06	< 0.2	0.47	328	< 10	30	< 0.5	8	0.03	< 0.5	4	71	849	1.11	< 10	< 1	0.17	10
P390069	94139402	10.52	< 0.03	< 0.2	0.45	590	< 10	30	0.5	18	0.07	< 0.5	16	57	873	2.61	< 10	< 1	0.12	< 10
P390070	94139402	10.52	0.48	< 0.2	2.28	18	< 10	100	< 0.5	8	0.30	< 0.5	17	80	193	4.71	10	< 1	0.98	10
P390071	94139402	10.90	0.18	< 0.2	1.66	22	< 10	30	< 0.5	8	0.38	< 0.5	14	82	118	3.60	10	< 1	0.58	10
P390072	94139402	11.44	0.33	< 0.2	2.54	4	< 10	30	< 0.5	2	0.77	< 0.5	16	109	224	5.30	10	< 1	1.19	< 10
P390073	94139402	10.82	0.15	< 0.2	0.73	10	< 10	30	< 0.5	4	0.13	< 0.5	8	61	123	2.05	< 10	< 1	0.15	10
P390074	94139402	12.82	0.03	< 0.2	2.35	26	< 10	100	< 0.5	< 2	0.67	< 0.5	14	87	82	3.61	10	< 1	0.91	10
P390075	94139402	14.50	0.09	0.2	2.77	< 2	< 10	60	< 0.5	< 2	0.87	< 0.5	17	82	266	5.12	10	< 1	1.02	10
P390076	94139402	14.02	0.03	< 0.2	4.57	< 2	< 10	180	< 0.5	< 2	1.91	< 0.5	14	111	92	4.20	10	< 1	1.32	< 10
P390077	94139402	13.68	0.12	< 0.2	2.97	4	< 10	50	< 0.5	< 2	0.89	< 0.5	9	104	132	3.95	10	< 1	1.06	10
P390078	94139402	9.22	0.24	< 0.2	3.28	22	< 10	60	0.5	4	0.64	< 0.5	11	132	194	4.89	10	< 1	1.67	10
P390079	94139402	7.04	0.24	0.6	1.72	100	< 10	40	0.5	56	0.20	< 0.5	13	97	429	3.57	10	< 1	0.89	10
P390080	94139402	10.54	0.06	< 0.2	1.29	14	< 10	40	< 0.5	< 2	0.15	< 0.5	7	94	172	2.38	< 10	< 1	0.63	10
P390081	94139402	13.22	0.48	< 0.2	2.18	44	< 10	50	0.5	10	0.26	< 0.5	24	78	434	6.67	10	< 1	1.36	10
P390082	94139402	8.18	1.02	0.2	0.47	778	< 10	30	0.5	28	0.03	0.5	7	75	1310	3.03	< 10	< 1	0.23	10
P390083	94139402	7.08	0.51	< 0.2	0.71	734	< 10	10	1.0	48	0.29	< 0.5	29	22	1705	7.72	< 10	< 1	0.16	10
P390084	94139402	8.68	0.51	1.8	1.19	158	< 10	30	0.5	76	0.26	< 0.5	35	77	1900	6.43	< 10	< 1	0.49	10
P390085	94139402	8.42	0.30	0.2	0.63	318	< 10	10	0.5	38	0.16	< 0.5	14	42	584	3.36	< 10	< 1	0.16	20
P390086	94139402	8.16	0.18	< 0.2	0.39	34	< 10	20	< 0.5	2	0.08	< 0.5	5	61	265	1.81	< 10	< 1	0.17	10

CERTIFICATION:



CERTIFICATE OF ANALYSIS A0124574

SAMPLE	PREP CODE	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
P390047	94139402	0.24	55	2	0.06	2	160	< 2	0.22	< 2	8	9	0.01	< 10	< 10	2	< 10	14
P390048	94139402	0.17	35	1	0.09	3	90	2	0.12	< 2	6	9	< 0.01	< 10	< 10	3	< 10	14
P390049	94139402	0.08	30	1	0.08	2	190	2	0.26	2	4	12	< 0.01	< 10	< 10	12	< 10	16
P390050	94139402	0.09	35	< 1	0.10	2	350	4	0.31	4	7	19	0.01	< 10	< 10	4	< 10	26
P390051	94139402	0.14	55	1	0.07	5	450	6	0.61	2	10	11	0.04	10	< 10	6	< 10	42
P390052	94139402	0.37	70	< 1	0.08	4	560	2	0.72	< 2	13	13	0.10	< 10	< 10	37	< 10	52
P390053	94139402	0.28	40	< 1	0.08	3	340	4	0.47	< 2	8	12	0.01	< 10	< 10	17	< 10	20
P390054	94139402	0.81	80	4	0.06	16	510	< 2	0.55	< 2	510	24	0.08	< 10	< 10	86	< 10	82
P390055	94139402	0.90	95	1	0.05	9	610	2	1.38	2	16	11	0.11	< 10	< 10	116	< 10	44
P390056	94139402	1.77	140	1	0.06	6	530	16	1.26	< 2	24	12	0.18	< 10	< 10	156	< 10	62
P390057	94139402	1.65	180	< 1	0.06	5	590	46	0.46	< 2	19	9	0.16	< 10	< 10	97	< 10	92
P390058	94139402	1.61	165	< 1	0.08	24	610	6	0.66	< 2	16	13	0.17	< 10	< 10	96	< 10	126
P390059	94139402	0.42	70	1	0.05	11	170	20	0.11	2	4	9	0.03	< 10	< 10	17	< 10	74
P390060	94139402	0.64	105	4	0.05	5	330	156	0.11	6	6	16	0.05	< 10	< 10	37	< 10	62
P390061	94139402	0.86	185	< 1	0.15	25	490	10	0.34	2	10	51	0.10	< 10	< 10	69	< 10	216
P390062	94139402	0.32	60	< 1	0.04	3	240	16	0.11	6	4	15	0.02	< 10	< 10	19	< 10	28
P390063	94139402	0.33	45	2	0.03	5	130	26	0.08	< 2	3	9	0.01	< 10	< 10	9	< 10	22
P390064	94139402	1.27	100	1	0.02	8	530	30	0.10	4	9	16	0.10	< 10	< 10	53	< 10	38
P390065	94139402	1.03	90	3	0.04	8	620	84	0.29	10	13	25	0.10	< 10	< 10	63	< 10	40
P390066	94139402	1.88	180	< 1	0.05	7	630	2	0.24	2	20	23	0.24	< 10	< 10	125	< 10	44
P390067	94139402	2.10	235	< 1	0.05	23	720	< 2	0.45	< 2	18	14	0.18	< 10	< 10	115	< 10	34
P390068	94139402	0.10	55	1	0.05	8	60	6	0.27	2	1	4	< 0.01	< 10	< 10	5	< 10	10
P390069	94139402	0.08	340	1	0.01	17	90	4	0.90	38	1	3	< 0.01	< 10	< 10	4	< 10	26
P390070	94139402	1.77	320	1	0.08	13	480	4	1.14	< 2	16	13	0.15	< 10	< 10	114	< 10	48
P390071	94139402	1.29	245	1	0.08	20	450	2	0.84	< 2	9	9	0.12	< 10	< 10	73	< 10	40
P390072	94139402	2.08	410	1	0.11	22	820	< 2	1.20	< 2	15	17	0.21	< 10	< 10	123	< 10	40
P390073	94139402	0.39	100	1	0.06	6	180	2	0.77	< 2	4	11	0.01	< 10	< 10	18	< 10	16
P390074	94139402	1.21	230	< 1	0.13	20	580	< 2	0.62	< 2	10	27	0.16	< 10	< 10	71	< 10	40
P390075	94139402	1.69	210	2	0.12	22	640	< 2	1.49	< 2	13	23	0.23	< 10	< 10	111	< 10	24
P390076	94139402	1.81	265	1	0.22	25	580	< 2	0.59	2	12	36	0.25	< 10	< 10	100	< 10	28
P390077	94139402	1.66	135	4	0.15	24	510	< 2	1.00	< 2	13	26	0.20	< 10	< 10	97	< 10	16
P390078	94139402	2.38	155	2	0.09	40	480	< 2	1.13	< 2	18	15	0.21	< 10	< 10	133	< 10	18
P390079	94139402	1.26	140	< 1	0.04	18	510	< 2	1.27	8	10	8	0.10	< 10	< 10	74	< 10	18
P390080	94139402	0.83	125	1	0.06	16	230	2	0.56	< 2	6	7	0.07	< 10	< 10	43	< 10	16
P390081	94139402	1.84	320	1	0.04	27	510	< 2	2.27	4	19	8	0.16	< 10	< 10	122	< 10	32
P390082	94139402	0.05	145	3	< 0.01	7	170	42	0.73	22	3	6	< 0.01	< 10	< 10	6	< 10	126
P390083	94139402	0.40	410	1	< 0.01	29	910	10	3.31	38	17	13	< 0.01	< 10	< 10	67	< 10	44
P390084	94139402	0.83	260	1	< 0.01	19	570	< 2	2.80	16	16	5	0.05	< 10	< 10	92	< 10	42
P390085	94139402	0.31	235	1	< 0.01	10	270	4	1.34	14	7	8	< 0.01	< 10	< 10	31	< 10	22
P390086	94139402	0.11	145	3	< 0.01	5	190	2	0.57	4	4	4	< 0.01	< 10	< 10	13	< 10	10

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

TO: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LTD.
1016 - 510 W. HASTINGS ST.
VANCOUVER, BC
V6B 1L8

Project: GOLDEN REVENUE
Comments:

Page Number: 2-A
Total: 2
Certificate Date: 27-SEP-2001
Invoice No.: I0124574
P.O. Number:
Account: RCM

CERTIFICATE OF ANALYSIS

A0124574

SAMPLE	PREP CODE	Weight Kg	Au g/t	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm
P390087	94139402	8.38	0.06	0.2	0.37	28	< 10	30	< 0.5	2	0.05	< 0.5	3	61	343	1.11	< 10	< 1	0.19	10
P390088	94139402	12.34	3.75	0.8	2.20	60	< 10	20	0.5	54	0.23	< 0.5	18	80	822	6.18	< 1	< 1	1.16	10
P390089	94139402	9.70	0.75	0.2	0.86	150	< 10	10	0.5	16	0.23	< 0.5	17	60	832	5.36	< 10	< 1	0.28	10
P390090	94139402	9.52	0.51	2.4	0.81	280	< 10	10	0.5	4	0.29	< 0.5	34	81	2530	7.42	< 10	< 1	0.36	10
P390091	94139402	8.12	0.06	0.6	0.62	344	< 10	10	0.5	2	0.22	< 0.5	25	67	2080	5.29	< 10	< 1	0.14	< 10
P390092	94139402	7.64	0.09	0.6	0.64	600	< 10	10	0.5	2	0.14	< 0.5	22	99	2140	4.26	< 10	< 1	0.11	< 10
P390093	94139402	8.96	0.12	1.2	0.87	262	< 10	20	0.5	2	0.26	< 0.5	33	49	1455	6.06	< 10	< 1	0.54	< 10
P390094	94139402	11.54	0.54	0.8	0.65	122	< 10	20	0.5	40	0.23	0.5	16	54	1170	4.06	< 10	< 1	0.23	40
P390095	94139402	10.94	0.06	< 0.2	0.67	126	< 10	30	0.5	10	0.16	< 0.5	10	39	605	2.63	< 10	< 1	0.15	70
P390096	94139402	8.84	0.15	0.2	1.44	272	< 10	10	1.5	16	0.14	< 0.5	12	45	2260	2.78	< 10	< 1	0.11	10
P390097	94139402	9.36	0.18	< 0.2	0.88	136	< 10	20	1.0	12	0.30	< 0.5	11	39	879	4.41	< 10	< 1	0.08	10
P390098	94139402	9.76	0.21	< 0.2	0.79	164	< 10	60	1.0	2	0.38	< 0.5	20	47	270	5.49	< 10	< 1	0.08	70
P390099	94139402	10.14	0.09	< 0.2	0.64	292	< 10	10	1.5	8	0.94	< 0.5	28	57	303	6.27	< 10	< 1	0.07	20
P390100	94139402	12.00	< 0.03	< 0.2	0.80	162	< 10	50	0.5	2	1.53	< 0.5	6	44	131	2.52	< 10	< 1	0.11	50
P390101	94139402	13.22	0.06	0.2	1.45	100	< 10	20	0.5	10	2.37	< 0.5	8	34	414	4.12	< 10	< 1	0.53	40
P390102	94139402	13.48	0.21	< 0.2	1.62	72	< 10	10	0.5	38	3.05	< 0.5	8	87	254	4.99	< 10	< 1	0.66	< 10
P390103	94139402	11.72	0.18	< 0.2	1.41	62	< 10	20	0.5	2	2.86	< 0.5	8	89	235	3.56	< 10	< 1	0.62	10
P390104	94139402	12.50	0.48	< 0.2	1.40	332	< 10	10	0.5	8	0.61	< 0.5	22	30	469	5.16	< 10	< 1	0.48	< 10
P390105	94139402	13.50	0.27	< 0.2	2.02	22	< 10	30	< 0.5	2	0.84	< 0.5	11	46	306	4.70	10	< 1	1.04	< 10

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

ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LTD.
1016 - 510 W. HASTINGS ST.
VANCOUVER, BC
V6B 1L8

Project : GOLDEN REVENUE

Comments:

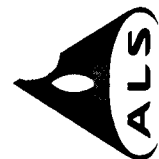
Page Number : 2-B
Total : 2
Certificate Date: 27-SEP-2001
Invoice No. : 10124574
P.O. Number :
Account : RCM

CERTIFICATE OF ANALYSIS

A0124574

SAMPLE	PREP CODE	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
P390087	94139402	0.09	115	3	< 0.01	4	130	2	0.31	6	1	3	< 0.01	< 10	< 10	5	< 10	10
P390088	94139402	1.75	225	1	0.01	25	470	< 2	2.41	6	16	6	0.15	< 10	< 10	98	< 10	30
P390089	94139402	0.57	270	1	< 0.01	26	380	< 2	2.15	10	11	8	0.02	10	< 10	46	< 10	24
P390090	94139402	0.59	210	3	< 0.01	23	830	< 2	4.02	18	10	9	0.02	< 10	< 10	43	< 10	30
P390091	94139402	0.32	175	< 1	< 0.01	30	830	< 2	2.96	18	6	7	< 0.01	< 10	< 10	25	< 10	20
P390092	94139402	0.21	200	1	< 0.01	28	440	2	2.46	70	5	8	< 0.01	< 10	< 10	22	< 10	24
P390093	94139402	0.85	270	< 1	< 0.01	22	910	6	3.06	40	12	9	0.04	< 10	< 10	55	< 10	34
P390094	94139402	0.31	360	4	< 0.01	17	650	6	1.37	16	7	7	< 0.01	10	< 10	24	< 10	20
P390095	94139402	0.18	240	1	< 0.01	9	490	10	0.96	8	4	7	< 0.01	20	< 10	12	< 10	14
P390096	94139402	0.08	220	1	< 0.01	24	550	6	1.44	16	7	9	< 0.01	< 10	< 10	21	< 10	18
P390097	94139402	0.42	280	1	< 0.01	17	520	< 2	1.43	8	12	10	< 0.01	< 10	< 10	47	< 10	22
P390098	94139402	0.47	410	2	< 0.01	17	640	2	1.83	8	10	13	< 0.01	20	< 10	43	< 10	42
P390099	94139402	0.63	720	< 1	< 0.01	48	890	40	1.47	12	16	26	< 0.01	< 10	< 10	53	< 10	168
P390100	94139402	0.52	155	1	0.03	10	470	2	0.94	8	5	27	< 0.01	10	< 10	19	< 10	10
P390101	94139402	1.28	235	1	0.02	12	900	< 2	1.22	6	10	59	0.04	10	< 10	68	< 10	20
P390102	94139402	1.54	375	3	0.04	35	1060	< 2	1.07	6	13	69	0.09	< 10	< 10	87	< 10	22
P390103	94139402	1.22	255	1	0.02	33	730	< 2	0.99	4	11	48	0.06	< 10	< 10	59	< 10	18
P390104	94139402	1.03	260	< 1	0.04	12	1340	< 2	1.92	10	16	12	0.05	< 10	< 10	90	< 10	36
P390105	94139402	1.63	200	1	0.07	10	1090	< 2	1.39	< 2	14	18	0.16	< 10	< 10	133	< 10	18

CERTIFICATION:



CERTIFICATE OF ANALYSIS A0124109

SAMPLE	PREP CODE	Weight Kg	Au g/t	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm
P389631	94139402	7.64	0.03	0.2	0.38	160	< 10	40	< 0.5	8	0.06	< 0.5	< 1	60	81	1.74	< 10	< 1	0.11	< 10
P389632	94139402	10.48	0.03	0.6	0.58	134	< 10	50	< 0.5	6	0.03	< 0.5	< 1	61	129	2.13	< 10	< 1	0.16	10
P389633	94139402	11.44	0.06	0.2	0.97	32	< 10	70	< 0.5	2	0.03	< 0.5	< 1	45	153	1.75	< 10	< 1	0.23	20
P389634	94139402	9.20	0.09	1.0	0.77	34	< 10	110	< 0.5	12	0.05	< 0.5	< 1	33	116	1.18	< 10	< 1	0.26	20
P389635	94139402	9.12	0.06	0.2	0.37	136	< 10	130	< 0.5	2	0.04	< 0.5	< 1	42	66	1.95	< 10	< 1	0.47	10
P389636	94139402	4.62	0.15	1.0	0.38	232	< 10	150	< 0.5	18	0.03	< 0.5	< 1	26	58	1.84	< 10	< 1	0.49	< 10
P389637	94139402	3.60	0.12	0.2	0.42	284	< 10	110	< 0.5	10	0.03	< 0.5	< 1	40	103	1.26	< 10	< 1	0.25	< 10
P389638	94139402	7.24	0.09	< 0.2	0.57	98	< 10	60	< 0.5	6	0.06	< 0.5	< 1	28	70	0.72	< 10	< 1	0.18	< 10
P389639	94139402	4.72	1.17	2.0	0.59	376	< 10	90	< 0.5	182	0.04	< 0.5	< 1	30	72	0.90	< 10	< 1	0.21	10
P389640	94139402	6.76	0.09	< 0.2	1.02	346	< 10	140	< 0.5	8	0.01	< 0.5	< 1	38	245	1.84	< 10	< 1	0.29	10
P389641	94139402	11.44	0.45	0.6	1.02	1020	< 10	160	< 0.5	22	0.01	< 0.5	< 1	43	317	3.38	< 10	< 1	0.43	10
P389642	94139402	9.42	0.15	< 0.2	1.14	306	< 10	160	< 0.5	4	0.02	< 0.5	< 1	36	322	3.04	< 10	< 1	0.33	10
P389643	94139402	11.74	0.15	< 0.2	1.80	190	< 10	40	< 0.5	14	0.11	< 0.5	< 1	40	445	3.98	< 10	< 1	0.43	10
P389644	94139402	10.82	0.45	< 0.2	1.83	692	< 10	30	< 0.5	6	0.17	< 0.5	< 1	73	216	4.51	< 10	< 1	0.43	10
P389645	94139402	11.26	0.06	< 0.2	1.52	88	< 10	40	< 0.5	< 2	0.20	< 0.5	< 1	77	83	4.00	< 10	< 1	0.40	10
P389646	94139402	10.60	0.06	< 0.2	1.06	154	< 10	20	< 0.5	< 2	0.22	< 0.5	< 1	57	105	4.29	< 10	< 1	0.13	20
P389647	94139402	9.50	0.24	< 0.2	1.12	98	< 10	30	< 0.5	< 2	0.22	< 0.5	< 1	60	119	3.72	< 10	< 1	0.14	20
P389648	94139402	11.86	0.27	< 0.2	2.58	220	< 10	40	< 0.5	2	0.45	< 0.5	< 1	134	216	7.89	< 10	< 1	0.82	< 10
P389649	94139402	8.76	0.15	< 0.2	1.35	282	< 10	20	< 0.5	8	0.13	< 0.5	< 1	124	190	3.36	< 10	< 1	0.23	30
P389650	94139402	9.56	0.15	< 0.2	1.51	686	< 10	50	< 0.5	8	0.13	< 0.5	< 1	65	169	4.29	< 10	< 1	0.26	20
P389951	94139402	7.92	0.21	< 0.2	3.53	656	< 10	60	< 0.5	14	0.21	< 0.5	< 1	65	684	5.46	< 10	< 1	0.82	< 10
P389952	94139402	2.22	0.27	< 0.2	1.52	506	< 10	110	< 0.5	< 2	0.07	< 0.5	< 1	42	319	5.15	< 10	< 1	0.48	10
P389953	94139402	9.68	0.63	0.8	0.35	>10000	< 10	130	< 0.5	8	< 0.01	< 0.5	< 1	52	897	2.66	< 10	< 1	0.32	< 10
P389954	94139402	10.34	2.31	1.2	0.37	>10000	< 10	140	< 0.5	16	< 0.01	< 0.5	< 1	55	1580	3.44	< 10	< 1	0.36	< 10
P389955	94139402	9.74	0.54	1.2	1.14	1175	< 10	130	< 0.5	6	< 0.01	< 0.5	< 1	64	252	4.04	< 10	< 1	0.41	10
P389956	94139402	7.86	0.66	0.6	0.57	1040	< 10	180	< 0.5	8	< 0.01	< 0.5	< 1	58	95	3.45	< 10	< 1	0.42	10
P389957	94139402	9.64	0.42	1.0	0.61	2620	< 10	180	< 0.5	14	< 0.01	< 0.5	< 1	57	105	3.47	< 10	< 1	0.47	10
P389958	94139402	11.88	0.33	0.8	0.82	1530	< 10	50	< 0.5	12	0.10	< 0.5	< 1	53	715	2.65	< 10	< 1	0.21	10
P389959	94139402	10.52	0.30	0.4	0.87	>10000	< 10	30	< 0.5	64	0.06	< 0.5	< 1	70	623	3.17	< 10	< 1	0.12	< 10
P389960	94139402	9.32	0.15	< 0.2	1.04	888	< 10	60	< 0.5	< 2	0.13	< 0.5	< 1	58	237	2.42	< 10	< 1	0.19	10
P389961	94139402	9.54	0.18	0.2	0.77	346	< 10	120	< 0.5	< 2	0.06	< 0.5	< 1	45	173	2.85	< 10	< 1	0.20	20
P389962	94139402	7.88	0.03	< 0.2	0.70	48	< 10	20	< 0.5	< 2	0.08	< 0.5	< 1	68	62	2.01	< 10	< 1	0.11	10
P389963	94139402	8.36	0.03	< 0.2	0.56	30	< 10	70	< 0.5	< 2	0.05	< 0.5	< 1	57	50	1.67	< 10	< 1	0.12	< 10
P389964	94139402	4.00	0.06	< 0.2	0.25	754	< 10	30	< 0.5	< 2	0.04	< 0.5	< 1	56	44	1.16	< 10	< 1	0.10	10
P389965	94139402	7.14	0.30	< 0.2	0.96	60	< 10	10	< 0.5	< 2	0.19	< 0.5	< 1	55	55	2.65	< 10	< 1	0.09	10
P389966	94139402	9.02	0.03	< 0.2	0.33	12	< 10	30	< 0.5	< 2	0.05	< 0.5	< 1	63	70	1.52	< 10	< 1	0.11	10
P389967	94139402	7.94	0.03	< 0.2	0.98	14	< 10	30	< 0.5	< 2	0.14	< 0.5	< 1	59	97	2.60	< 10	< 1	0.17	20
P389968	94139402	7.72	0.12	< 0.2	0.91	1990	< 10	20	< 0.5	4	0.20	< 0.5	< 1	49	197	3.69	< 10	< 1	0.11	10
P389969	94139402	7.50	0.03	< 0.2	1.41	28	< 10	110	< 0.5	< 2	0.38	< 0.5	< 1	26	123	4.24	< 10	< 1	0.54	10
P389970	94139402	8.74	0.03	< 0.2	1.14	170	< 10	40	< 0.5	2	0.19	< 0.5	< 1	80	97	2.57	< 10	< 1	0.18	10

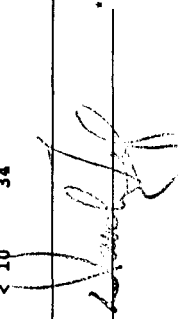
CERTIFICATION:

[Signature]

Project: GOLDEN REVENUE
Comments:

CERTIFICATE OF ANALYSIS A0124109

SAMPLE	PREP CODE	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
P389631	94139402	0.03	5	< 1	< 0.01	< 1	320	2	0.01	8	5	5	< 0.01	< 10	< 10	22	< 10	< 2
P389632	94139402	0.03	5	< 1	< 0.01	1	340	< 2	0.12	4	6	7	< 0.01	< 10	< 10	17	< 10	4
P389633	94139402	0.17	15	< 1	0.02	1	360	< 2	0.14	2	6	11	< 0.01	10	< 10	28	< 10	12
P389634	94139402	0.11	5	< 1	0.01	< 1	190	< 2	0.24	2	6	12	< 0.01	10	< 10	12	< 10	< 2
P389635	94139402	0.02	< 5	1	0.01	< 1	80	6	0.63	8	3	18	< 0.01	10	< 10	8	< 10	< 2
P389636	94139402	0.02	5	< 1	0.01	< 1	90	6	0.62	6	3	13	< 0.01	10	< 10	9	< 10	< 2
P389637	94139402	0.01	< 5	< 1	< 0.01	< 1	90	8	0.23	14	4	9	< 0.01	< 10	< 10	12	< 10	4
P389638	94139402	0.04	< 5	< 1	< 0.01	< 1	100	2	0.14	2	5	8	< 0.01	< 10	< 10	13	< 10	< 2
P389639	94139402	0.03	5	< 1	< 0.01	< 1	130	2	0.23	6	10	11	< 0.01	< 10	< 10	21	< 10	< 2
P389640	94139402	0.27	25	< 1	0.01	< 1	170	< 2	0.36	2	10	8	< 0.01	< 10	< 10	42	< 10	4
P389641	94139402	0.24	25	< 1	0.03	< 1	290	< 2	0.55	6	9	10	< 0.01	10	< 10	46	< 10	18
P389642	94139402	0.33	35	< 1	0.04	< 1	500	< 2	0.52	2	8	12	< 0.01	10	< 10	54	< 10	14
P389643	94139402	1.01	140	1	0.02	5	420	< 2	0.98	2	10	10	0.03	10	< 10	73	< 10	32
P389644	94139402	1.40	250	1	0.01	18	510	6	1.58	4	9	5	0.03	10	< 10	73	< 10	46
P389645	94139402	1.07	345	< 1	0.05	11	450	< 2	0.90	2	8	8	0.04	10	< 10	60	< 10	60
P389646	94139402	0.82	600	< 1	0.03	8	320	< 2	0.92	4	6	6	< 0.01	10	< 10	38	< 10	64
P389647	94139402	0.77	385	< 1	0.04	6	360	< 2	1.12	2	7	8	0.01	10	< 10	43	< 10	40
P389648	94139402	2.18	745	< 1	0.04	33	880	< 2	2.18	6	16	10	0.10	10	< 10	137	< 10	72
P389649	94139402	0.91	260	1	0.03	12	340	< 2	1.21	2	7	5	0.01	10	< 10	34	< 10	28
P389650	94139402	0.92	355	4	0.04	14	780	< 2	1.48	4	7	9	0.03	10	< 10	74	< 10	30
P389951	94139402	1.78	220	1	0.03	18	760	< 2	1.40	6	16	22	0.10	10	< 10	144	< 10	52
P389952	94139402	0.41	60	< 1	0.07	1	740	2	0.71	6	10	46	0.01	10	< 10	107	< 10	22
P389953	94139402	< 0.01	10	< 1	0.02	< 1	130	2	0.67	6	1	8	< 0.01	< 10	< 10	5	< 10	2
P389954	94139402	0.01	10	< 1	0.02	< 1	180	2	0.98	6	1	7	< 0.01	< 10	< 10	3	< 10	2
P389955	94139402	0.35	40	1	0.01	< 1	450	< 2	0.53	10	5	10	< 0.01	10	< 10	35	< 10	30
P389956	94139402	0.07	20	2	0.01	< 1	300	8	0.71	10	5	16	< 0.01	10	< 10	20	< 10	20
P389957	94139402	0.13	20	4	0.01	< 1	380	12	0.76	10	5	16	< 0.01	10	< 10	18	< 10	18
P389958	94139402	0.34	95	1	0.02	5	430	38	0.76	6	6	11	< 0.01	< 10	< 10	22	< 10	40
P389959	94139402	0.46	85	1	< 0.01	6	200	8	1.65	8	5	6	< 0.01	< 10	< 10	19	< 10	26
P389960	94139402	0.52	85	1	0.01	4	610	2	0.60	6	6	9	< 0.01	10	< 10	31	< 10	36
P389961	94139402	0.26	60	2	0.02	1	240	2	0.42	10	7	15	< 0.01	10	< 10	3	< 10	68
P389962	94139402	0.33	135	< 1	0.04	1	170	< 2	0.59	2	6	5	< 0.01	< 10	< 10	3	< 10	26
P389963	94139402	0.32	165	< 1	0.03	< 1	80	2	0.40	< 2	4	5	< 0.01	< 10	< 10	5	< 10	24
P389964	94139402	0.09	150	< 1	0.04	< 1	40	4	0.40	< 2	< 1	3	< 0.01	< 10	< 10	2	< 10	36
P389965	94139402	0.66	250	5	0.03	2	170	< 2	0.42	< 2	8	4	< 0.01	10	< 10	6	< 10	42
P389966	94139402	0.14	145	< 1	0.04	1	50	< 2	0.50	< 2	1	4	< 0.01	< 10	< 10	2	< 10	26
P389967	94139402	0.66	180	1	0.04	3	230	< 2	0.74	2	8	5	0.01	10	< 10	9	< 10	26
P389968	94139402	0.60	165	< 1	0.04	4	410	2	1.65	2	7	7	< 0.01	10	< 10	14	< 10	18
P389969	94139402	0.81	255	< 1	0.03	< 1	730	< 2	1.15	4	12	10	0.06	10	< 10	20	< 10	32
P389970	94139402	0.62	160	< 1	0.03	5	300	6	0.89	10	5	10	< 0.01	10	< 10	22	< 10	34

CERTIFICATION: 

CERTIFICATE OF ANALYSIS A0124109

SAMPLE	PREP CODE	Weight Kg	Au g/t	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm
P389971	94139402	8.68	0.09	< 0.2	1.40	182	< 10	60	0.5	< 2	0.27	< 0.5	11	46	91	3.30	< 10	< 1	< 1	0.55
P389972	94139402	8.12	0.21	< 0.2	0.94	758	< 10	30	< 0.5	< 2	0.59	< 0.5	11	60	97	2.50	< 10	< 1	0.21	10
P389973	94139402	8.08	0.18	< 0.2	0.28	524	< 10	20	< 0.5	2	0.20	< 0.5	3	57	96	1.38	< 10	< 1	0.09	< 10
P389974	94139402	7.86	0.27	< 0.2	0.64	274	< 10	20	0.5	4	0.17	< 0.5	8	80	167	2.58	< 10	< 1	0.11	< 10
P389975	94139402	11.54	0.18	< 0.2	1.27	274	< 10	< 10	0.5	8	0.33	< 0.5	24	82	432	6.26	< 10	< 1	0.14	10
P389976	94139402	8.36	0.18	< 0.2	0.77	374	< 10	10	0.5	10	0.27	< 0.5	14	61	208	3.69	< 10	< 1	0.13	< 10
P389977	94139402	9.50	0.06	< 0.2	1.40	150	< 10	30	0.5	12	0.31	< 0.5	16	85	259	4.39	< 10	< 1	0.39	< 10
P389978	94139402	10.38	0.45	< 0.2	1.48	86	< 10	30	0.5	8	0.22	< 0.5	17	79	322	4.21	< 10	< 1	0.37	10
P389979	94139402	8.50	< 0.03	< 0.2	1.47	74	< 10	80	0.5	2	0.26	< 0.5	12	68	123	3.60	< 10	< 1	0.48	10
P389980	94139402	12.44	0.39	< 0.2	2.03	50	< 10	40	0.5	< 2	0.73	< 0.5	18	93	269	5.15	< 10	< 1	0.83	10
P389981	94139402	11.74	0.03	< 0.2	2.35	62	< 10	110	< 0.5	< 2	1.03	< 0.5	13	91	97	3.86	< 10	< 1	1.07	10
P389982	94139402	12.62	0.06	< 0.2	2.56	38	< 10	40	0.5	< 2	0.42	< 0.5	21	116	295	6.38	< 10	< 1	1.07	10
P389983	94139402	8.52	0.24	< 0.2	2.82	94	< 10	40	0.5	6	0.46	< 0.5	22	103	364	7.64	< 10	< 1	1.11	< 10
P389984	94139402	10.40	0.21	< 0.2	1.76	208	< 10	40	0.5	6	0.43	< 0.5	18	82	241	4.97	< 10	< 1	0.84	< 10
P389985	94139402	13.84	0.09	< 0.2	1.99	6	< 10	40	< 0.5	12	0.68	< 0.5	19	73	162	4.91	< 10	< 1	0.66	< 10
P389986	94139402	12.06	0.21	< 0.2	2.49	68	< 10	30	0.5	4	1.10	< 0.5	16	133	148	5.34	< 10	< 1	0.78	< 10
P389987	94139402	11.78	0.21	< 0.2	1.92	226	< 10	60	< 0.5	< 2	0.75	< 0.5	14	46	124	4.21	< 10	< 1	0.80	10
P389988	94139402	13.00	0.90	< 0.2	1.78	1285	< 10	30	0.5	10	1.08	< 0.5	17	98	324	4.43	< 10	< 1	0.68	10
P389989	94139402	10.26	1.68	1.2	1.61	2350	< 10	20	0.5	28	1.06	< 0.5	21	90	569	5.86	< 10	< 1	0.70	< 10
P389990	94139402	10.30	0.27	0.2	1.10	2260	< 10	10	0.5	16	0.84	< 0.5	14	60	252	4.09	< 10	< 1	0.27	< 10
P389991	94139402	8.52	0.27	< 0.2	0.89	308	< 10	20	< 0.5	6	0.94	< 0.5	5	61	103	2.31	< 10	< 1	0.18	10
P389992	94139402	8.58	0.24	< 0.2	2.32	74	< 10	70	< 0.5	6	1.32	< 0.5	13	131	114	4.46	< 10	< 1	1.09	10
P389993	94139402	8.78	0.18	< 0.2	2.17	20	< 10	50	< 0.5	< 2	0.95	< 0.5	11	109	131	4.44	< 10	< 1	1.09	10
P389994	94139402	8.80	0.09	< 0.2	2.18	28	< 10	10	0.5	6	0.34	< 0.5	19	128	313	6.42	< 10	< 1	0.33	10
P389995	94139402	10.28	0.03	< 0.2	0.85	82	< 10	30	< 0.5	< 2	0.38	< 0.5	5	66	86	2.23	< 10	< 1	0.28	10
P389996	94139402	10.56	0.06	< 0.2	2.98	38	< 10	120	0.5	< 2	1.38	< 0.5	15	166	97	5.59	< 10	< 1	1.89	< 10
P389997	94139402	13.28	0.27	< 0.2	2.41	38	< 10	40	0.5	2	0.44	< 0.5	15	93	317	6.75	< 10	< 1	0.96	10
P389998	94139402	12.88	< 0.03	< 0.2	2.36	6	< 10	70	< 0.5	< 2	0.48	< 0.5	15	80	169	4.89	< 10	< 1	1.17	< 10
P389999	94139402	13.32	0.06	< 0.2	2.57	196	< 10	50	< 0.5	< 2	0.82	< 0.5	17	124	208	5.42	< 10	< 1	0.88	< 10
P390000	94139402	13.06	< 0.03	< 0.2	1.77	36	< 10	40	< 0.5	< 2	0.88	< 0.5	8	108	65	3.18	< 10	< 1	0.50	10
P390001	94139402	12.44	< 0.03	< 0.2	1.75	< 2	< 10	30	< 0.5	< 2	0.88	< 0.5	12	74	70	3.34	< 10	< 1	0.46	< 10
P390002	94139402	13.34	< 0.03	< 0.2	2.47	2	< 10	100	< 0.5	< 2	0.82	< 0.5	14	86	74	4.30	< 10	< 1	1.03	< 10
P390003	94139402	12.68	< 0.03	< 0.2	1.57	4	< 10	30	< 0.5	< 2	1.02	< 0.5	9	105	44	2.80	< 10	< 1	0.49	10
P390004	94139402	8.38	0.06	< 0.2	1.57	12	< 10	10	< 0.5	< 2	1.01	< 0.5	12	82	82	3.27	< 10	< 1	0.38	10
P390005	94139402	10.26	0.03	< 0.2	1.92	< 2	< 10	40	< 0.5	< 2	0.93	< 0.5	11	53	74	2.97	< 10	< 1	0.43	< 10
P390006	94139402	9.38	0.03	< 0.2	1.48	6	< 10	50	< 0.5	< 2	0.71	< 0.5	8	69	47	2.42	< 10	< 1	0.53	10
P390007	94139402	8.40	< 0.03	< 0.2	2.30	38	< 10	50	0.5	< 2	1.27	< 0.5	12	56	93	4.10	< 10	< 1	0.90	10
P390008	94139402	11.92	< 0.03	< 0.2	0.56	308	< 10	10	< 0.5	< 2	0.14	< 0.5	6	60	87	2.13	< 10	< 1	0.08	10
P390009	94139402	10.12	< 0.03	< 0.2	0.60	82	< 10	10	< 0.5	< 2	0.11	< 0.5	5	60	62	1.66	< 10	< 1	0.08	10
P390010	94139402	9.70	< 0.03	< 0.2	0.45	100	< 10	10	< 0.5	< 2	0.42	< 0.5	4	81	44	1.70	< 10	< 1	0.06	30

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

to: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LTD.
1016 - 510 W. HASTINGS ST.
VANCOUVER, BC
V6B 1L8

Project: GOLDEN REVENUE
Comments:

Page 1 of 2-B
Total 1: 3
Certificate Date: 19-SEP-2001
Invoice No.: I0124109
P.O. Number:
Account: RCM

CERTIFICATE OF ANALYSIS

A0124109

SAMPLE	PREP CODE	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
P389971	94139402	0.98	235	1	0.04	5	330	< 2	0.80	2	9	12	0.05	10	< 10	58	< 10	40
P389972	94139402	0.55	215	< 1	0.05	4	350	< 2	0.73	< 2	5	16	0.03	10	< 10	35	< 10	24
P389973	94139402	0.13	90	< 1	0.03	1	150	< 2	0.55	2	< 1	9	< 0.01	< 10	< 10	5	< 10	14
P389974	94139402	0.37	190	< 1	0.01	7	360	2	1.07	2	2	6	< 0.01	< 10	< 10	17	< 10	46
P389975	94139402	0.92	265	1	0.01	16	500	< 2	2.94	6	9	9	< 0.01	10	< 10	67	< 10	48
P389976	94139402	0.56	240	< 1	0.02	12	620	< 2	1.54	4	4	9	< 0.01	< 10	< 10	35	< 10	38
P389977	94139402	1.07	275	< 1	0.02	16	650	6	1.42	8	9	10	0.03	10	< 10	86	< 10	70
P389978	94139402	1.04	210	1	0.02	14	340	2	1.71	6	10	8	0.02	10	< 10	71	< 10	44
P389979	94139402	0.93	250	7	0.01	14	420	< 2	1.07	6	7	8	0.04	10	< 10	55	< 10	40
P389980	94139402	1.76	230	< 1	0.04	26	640	< 2	1.82	2	12	23	0.08	10	< 10	101	< 10	22
P389981	94139402	1.78	280	1	0.05	24	980	< 2	0.77	2	10	33	0.12	10	< 10	91	< 10	28
P389982	94139402	2.25	245	< 1	0.03	25	600	< 2	2.41	2	16	13	0.10	10	< 10	128	< 10	24
P389983	94139402	2.61	280	1	0.01	26	680	< 2	2.93	8	18	14	0.10	10	< 10	133	< 10	28
P389984	94139402	1.46	250	1	0.02	19	480	< 2	1.75	8	12	15	0.07	10	< 10	89	< 10	42
P389985	94139402	1.67	235	< 1	0.04	17	610	< 2	1.62	< 2	11	15	0.10	< 10	< 10	132	< 10	20
P389986	94139402	2.27	325	1	0.04	35	560	< 2	1.50	< 2	15	24	0.09	< 10	< 10	134	< 10	26
P389987	94139402	1.61	230	< 1	0.03	11	490	< 2	1.15	< 2	13	16	0.09	10	< 10	108	< 10	20
P389988	94139402	1.65	315	1	0.05	27	470	< 2	1.46	< 2	10	23	0.08	< 10	< 10	81	< 10	30
P389989	94139402	1.87	260	< 1	0.03	36	400	< 2	2.34	6	13	42	0.06	< 10	< 10	81	< 10	26
P389990	94139402	1.12	155	< 1	0.03	12	310	< 2	1.70	< 2	7	32	0.01	< 10	< 10	46	< 10	14
P389991	94139402	0.83	115	2	0.04	4	200	2	0.69	< 2	6	27	< 0.01	< 10	< 10	38	< 10	10
P389992	94139402	1.96	335	< 1	0.07	30	620	< 2	1.04	2	12	31	0.14	10	< 10	108	< 10	28
P389993	94139402	1.89	295	< 1	0.06	21	600	< 2	1.23	2	13	21	0.14	< 10	< 10	104	< 10	22
P389994	94139402	2.06	250	< 1	0.03	29	580	< 2	2.62	2	16	11	0.03	10	< 10	106	< 10	22
P389995	94139402	0.74	135	< 1	0.04	6	150	< 2	0.61	< 2	6	13	0.02	< 10	< 10	32	< 10	10
P389996	94139402	2.53	430	< 1	0.05	44	420	< 2	0.88	< 2	23	42	0.19	10	< 10	135	< 10	46
P389997	94139402	2.12	330	< 1	0.03	21	540	< 2	2.74	2	16	11	0.08	10	< 10	114	< 10	28
P389998	94139402	1.69	215	< 1	0.07	12	500	< 2	1.41	< 2	16	16	0.15	< 10	< 10	135	< 10	22
P389999	94139402	1.92	290	< 1	0.07	16	530	< 2	1.70	2	16	23	0.10	10	< 10	133	< 10	28
P390000	94139402	1.46	230	1	0.07	16	440	< 2	0.61	< 2	8	15	0.10	< 10	< 10	72	< 10	22
P390001	94139402	1.35	250	< 1	0.10	18	450	< 2	0.69	2	8	15	0.15	< 10	< 10	91	< 10	24
P390002	94139402	1.78	295	3	0.09	24	670	< 2	0.79	2	11	17	0.22	< 10	< 10	111	< 10	30
P390003	94139402	1.30	255	< 1	0.07	20	910	< 2	0.51	< 2	7	22	0.12	< 10	< 10	68	< 10	22
P390004	94139402	1.21	220	< 1	0.07	17	450	< 2	0.87	2	8	15	0.12	< 10	< 10	80	< 10	20
P390005	94139402	1.19	185	< 1	0.12	14	700	< 2	0.71	< 2	5	38	0.14	< 10	< 10	87	< 10	20
P390006	94139402	0.94	175	1	0.10	12	440	< 2	0.47	< 2	5	25	0.10	< 10	< 10	58	< 10	16
P390007	94139402	1.61	290	< 1	0.09	17	710	< 2	0.94	2	12	43	0.11	< 10	< 10	112	< 10	34
P390008	94139402	0.37	100	< 1	0.03	2	90	< 2	0.90	4	2	6	< 0.01	< 10	< 10	9	< 10	8
P390009	94139402	0.33	95	< 1	< 0.01	1	100	< 2	0.55	6	1	5	< 0.01	10	< 10	8	< 10	8
P390010	94139402	0.30	160	< 1	< 0.01	1	120	< 2	0.50	6	3	6	< 0.01	10	< 10	5	< 10	8

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

ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LTD.
1016 - 510 W. HASTINGS ST.
VANCOUVER, BC
V6B 1L8

Project : GOLDEN REVENUE
Comments :

Page 1 of 3-A
Total F : 3
Certificate Date: 19-SEP-2001
Invoice No. : I0124109
P.O. Number :
Account : RCM

CERTIFICATE OF ANALYSIS

A0124109

SAMPLE	PREP CODE	Weight Kg	Au g/t	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm
P390011	94139402	7.84	< 0.03	< 0.2	0.60	42	< 10	30	< 0.5	< 2	0.14	< 0.5	3	73	47	1.61	< 10	< 1	0.09	20
P390012	94139402	8.46	< 0.03	< 0.2	2.17	38	< 10	30	0.5	< 2	0.56	< 0.5	13	123	218	5.71	10	< 1	0.44	10
P390013	94139402	9.84	0.06	< 0.2	0.52	8	< 10	50	< 0.5	< 2	0.45	< 0.5	4	76	81	1.84	< 10	< 1	0.13	10
P390014	94139402	10.00	0.21	< 0.2	0.47	10	< 10	50	< 0.5	2	0.68	< 0.5	7	67	115	2.20	< 10	< 1	0.13	10
P390015	94139402	7.06	0.12	< 0.2	1.75	14	< 10	30	0.5	< 2	0.60	< 0.5	8	61	117	3.52	10	< 1	0.52	10
P390016	94139402	7.68	0.06	< 0.2	1.66	16	< 10	50	0.5	< 2	0.85	< 0.5	10	55	130	4.10	< 10	< 1	0.52	10
P390017	94139402	7.36	0.06	0.2	0.48	980	< 10	60	0.5	< 2	0.83	1.5	15	67	117	3.57	< 10	< 1	0.17	10
P390018	94139402	7.30	0.24	0.2	0.48	88	< 10	10	0.5	4	0.79	< 0.5	12	50	188	4.52	< 10	< 1	0.15	10
P390019	94139402	3.88	0.63	0.8	0.27	>10000	< 10	10	0.5	48	1.83	< 0.5	199	56	474	7.28	< 10	< 1	0.19	< 10
P390020	94139402	6.82	0.15	< 0.2	0.47	280	< 10	20	0.5	8	1.72	< 0.5	8	59	86	3.42	< 10	< 1	0.12	10
P390021	94139402	8.32	0.06	< 0.2	0.45	240	< 10	20	0.5	< 2	1.79	< 0.5	4	76	50	2.35	< 10	< 1	0.10	10
P390022	94139402	7.32	0.03	< 0.2	0.94	34	< 10	50	0.5	< 2	1.15	< 0.5	11	74	147	3.94	< 10	< 1	0.26	20
P390023	94139402	12.70	0.15	< 0.2	1.82	30	< 10	40	0.5	< 2	0.82	< 0.5	14	64	225	6.08	10	< 1	0.75	< 10
P390024	94139402	12.56	0.87	< 0.2	1.91	18	< 10	70	0.5	26	1.10	< 0.5	9	106	105	4.12	< 10	< 1	1.10	10
P390025	94139402	11.78	< 0.03	< 0.2	1.34	10	< 10	50	0.5	< 2	1.32	< 0.5	6	77	81	3.09	< 10	< 1	0.65	10
P390026	94139402	12.30	0.30	< 0.2	1.84	6	< 10	70	< 0.5	12	0.95	< 0.5	7	93	78	2.52	< 10	< 1	0.84	20
P390027	94139402	13.10	0.03	< 0.2	1.42	22	< 10	80	0.5	< 2	1.14	< 0.5	4	69	27	2.36	< 10	< 1	0.67	10
P390028	94139402	13.36	0.03	< 0.2	0.41	58	< 10	40	< 0.5	< 2	1.71	< 0.5	8	42	126	2.16	< 10	< 1	0.15	< 10
P390029	94139402	10.58	0.09	< 0.2	0.65	196	< 10	10	1.0	6	1.57	< 0.5	10	48	205	4.03	< 10	< 1	0.27	10
P390030	94139402	9.58	0.54	0.4	2.55	20	< 10	30	0.5	12	0.57	< 0.5	21	115	354	6.52	10	< 1	1.02	10
P390031	94139402	10.76	0.09	< 0.2	2.36	24	< 10	40	0.5	< 2	1.02	< 0.5	19	104	271	5.91	10	< 1	1.09	10
P390032	94139402	9.94	0.15	< 0.2	2.22	20	< 10	50	0.5	14	0.83	< 0.5	16	94	181	5.05	10	< 1	1.39	10
P390033	94139402	10.80	0.15	0.8	2.51	10	< 10	40	0.5	50	0.83	< 0.5	33	121	602	7.31	10	< 1	1.68	10
P390034	94139402	9.12	1.59	0.2	0.61	130	< 10	10	1.5	148	2.47	< 0.5	15	46	295	5.06	< 10	< 1	0.19	10
P390035	94139402	8.62	0.06	0.2	0.75	64	< 10	10	1.5	10	2.25	< 0.5	24	38	277	5.55	< 10	< 1	0.32	< 10
P390036	94139402	5.98	0.03	< 0.2	0.48	230	< 10	70	0.5	8	1.46	< 0.5	9	51	178	3.05	< 10	< 1	0.15	40
P390037	94139402	10.18	0.24	0.2	0.48	470	< 10	20	1.0	< 2	2.51	< 0.5	14	48	252	5.10	< 10	< 1	0.17	< 10
P390038	94139402	10.42	0.15	0.2	0.85	580	< 10	30	1.0	6	1.95	< 0.5	19	41	275	4.99	< 10	< 1	0.25	10
P390039	94139402	5.76	2.55	2.2	0.47	74	< 10	40	0.5	54	1.63	< 0.5	18	111	887	5.32	< 10	< 1	0.19	< 10
P390040	94139402	7.54	0.12	< 0.2	1.76	362	< 10	40	0.5	< 2	0.68	< 0.5	16	80	246	4.69	10	< 1	0.46	10
P390041	94139402	8.00	0.06	< 0.2	1.96	240	< 10	30	0.5	< 2	1.02	< 0.5	19	71	276	5.40	10	< 1	0.80	10
P390042	94139402	8.32	0.03	< 0.2	0.54	36	< 10	30	< 0.5	4	0.36	< 0.5	8	80	220	2.39	< 10	< 1	0.16	< 10
P390043	94139402	6.76	0.06	< 0.2	1.27	36	< 10	60	0.5	< 2	0.33	< 0.5	15	98	262	4.27	< 10	< 1	0.42	10
P390044	94139402	13.58	0.15	< 0.2	0.78	10	< 10	40	< 0.5	< 2	0.48	< 0.5	11	90	149	2.87	< 10	< 1	0.27	< 10
P390045	94139402	7.60	0.03	< 0.2	1.77	6	< 10	50	0.5	< 2	0.45	< 0.5	17	74	192	4.48	10	< 1	0.62	10
P390046	94139402	7.02	0.03	< 0.2	2.91	2	< 10	130	< 0.5	< 2	0.58	< 0.5	16	81	118	4.90	10	< 1	1.72	< 10

CERTIFICATION:

[Handwritten 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

ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LTD.
1016 - 510 W. HASTINGS ST.
VANCOUVER, BC
V6B 1L8

Project : GOLDEN REVENUE
Comments:

Page No : 3-B
Total F : 3
Certificate Date: 19-SEP-2001
Invoice No. : I0124109
P.O. Number :
Account : RCM

CERTIFICATE OF ANALYSIS

A0124109

SAMPLE	PREP CODE	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
P390011	94139402	0.27	100	1	0.04	3	120	< 2	0.52	6	3	7	< 0.01	10	< 10	5	< 10	10
P390012	94139402	1.84	310	3	0.01	28	400	< 2	2.17	6	11	15	0.04	10	< 10	81	< 10	28
P390013	94139402	0.38	90	< 1	0.05	6	190	< 2	0.73	2	1	15	< 0.01	< 10	< 10	13	< 10	6
P390014	94139402	0.36	100	1	0.04	4	170	< 2	0.97	2	2	18	< 0.01	< 10	< 10	16	< 10	6
P390015	94139402	1.28	180	< 1	0.02	6	500	< 2	1.01	2	8	17	0.03	10	< 10	59	< 10	22
P390016	94139402	1.39	220	< 1	0.02	12	960	< 2	1.07	2	13	32	0.04	10	< 10	91	< 10	26
P390017	94139402	0.54	370	1	< 0.01	6	440	174	1.24	8	6	22	< 0.01	10	< 10	23	< 10	256
P390018	94139402	0.62	290	< 1	< 0.01	7	350	10	1.91	10	7	23	< 0.01	10	< 10	32	< 10	28
P390019	94139402	0.91	615	1	< 0.01	8	230	22	5.36	90	3	41	< 0.01	< 10	< 10	13	< 10	26
P390020	94139402	0.82	420	5	< 0.01	3	410	2	1.21	8	7	38	< 0.01	< 10	< 10	27	< 10	36
P390021	94139402	0.80	195	1	< 0.01	9	200	< 2	0.78	6	6	47	< 0.01	< 10	< 10	22	< 10	12
P390022	94139402	1.06	200	< 1	0.02	13	1440	< 2	1.44	2	11	48	0.01	10	< 10	76	< 10	22
P390023	94139402	1.88	270	< 1	0.06	6	570	< 2	2.18	2	18	37	0.06	10	< 10	120	< 10	30
P390024	94139402	1.66	265	1	0.05	11	530	< 2	0.89	2	14	34	0.09	10	< 10	75	< 10	24
P390025	94139402	1.22	210	1	0.05	8	390	4	0.63	< 2	9	40	0.04	10	< 10	47	< 10	22
P390026	94139402	1.39	140	4	0.06	12	380	8	0.49	< 2	9	30	0.05	10	< 10	57	< 10	28
P390027	94139402	1.11	170	3	0.05	9	480	< 2	0.20	2	12	43	0.05	10	< 10	52	< 10	22
P390028	94139402	0.64	165	1	< 0.01	3	560	< 2	1.00	8	2	64	< 0.01	< 10	< 10	15	< 10	12
P390029	94139402	0.78	250	< 1	< 0.01	13	600	< 2	1.69	8	11	44	< 0.01	10	< 10	50	< 10	18
P390030	94139402	2.15	230	1	0.03	33	540	< 2	2.32	6	18	22	0.10	10	< 10	114	< 10	30
P390031	94139402	1.95	240	< 1	0.06	29	520	< 2	2.06	2	15	30	0.10	10	< 10	115	< 10	28
P390032	94139402	1.92	200	4	0.07	21	530	< 2	1.24	< 2	18	33	0.11	10	< 10	106	< 10	22
P390033	94139402	2.32	250	1	0.06	41	500	< 2	2.88	6	21	36	0.13	10	< 10	140	< 10	28
P390034	94139402	1.23	275	2	0.01	13	820	< 2	1.53	6	13	67	< 0.01	10	< 10	54	< 10	24
P390035	94139402	1.24	270	3	0.01	9	630	< 2	2.16	2	17	57	0.01	< 10	< 10	96	< 10	20
P390036	94139402	0.63	205	1	0.03	3	310	< 2	1.47	6	6	38	< 0.01	10	< 10	30	< 10	8
P390037	94139402	1.14	380	< 1	0.01	9	410	< 2	2.34	8	17	58	< 0.01	10	< 10	76	< 10	40
P390038	94139402	0.91	245	1	< 0.01	9	380	< 2	2.62	12	16	58	< 0.01	10	< 10	72	< 10	18
P390039	94139402	0.69	200	< 1	< 0.01	13	500	< 2	2.49	8	13	43	< 0.01	< 10	< 10	75	< 10	24
P390040	94139402	1.44	175	3	0.06	9	470	< 2	1.71	2	15	24	0.04	10	< 10	115	< 10	20
P390041	94139402	1.83	205	1	0.06	7	480	< 2	1.90	< 2	21	48	0.07	10	< 10	136	< 10	30
P390042	94139402	0.43	65	2	0.07	5	280	< 2	1.08	2	4	22	< 0.01	< 10	< 10	29	< 10	10
P390043	94139402	1.03	125	< 1	0.06	15	490	< 2	1.76	< 2	13	19	0.03	10	< 10	102	< 10	18
P390044	94139402	0.64	85	3	0.07	12	490	< 2	1.19	< 2	7	28	0.02	< 10	< 10	52	< 10	12
P390045	94139402	1.45	145	1	0.05	13	520	< 2	1.55	2	15	24	0.06	10	< 10	132	< 10	24
P390046	94139402	2.28	210	6	0.07	7	480	< 2	1.00	< 2	22	24	0.15	10	< 10	171	< 10	30

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

ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LTD.
1016 - 510 W. HASTINGS ST.
VANCOUVER, BC
V6B 1L8

Project : GOLDEN REVENUE
Comments:

Page : 1-A
Total : 2
Certificate Date: 31-AUG-2001
Invoice No. : 10123044
P.O. Number :
Account : RCM

CERTIFICATE OF ANALYSIS

A0123044

SAMPLE	PREP CODE	Weight Kg	Au g/t	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm
P389570	94139402	7.08	< 0.03	< 0.2	1.05	184	< 10	60	0.5	6	0.08	< 0.5	2	72	54	2.38	< 10	< 1	0.34	30
P389571	94139402	5.62	< 0.03	< 0.2	0.59	232	< 10	110	0.5	6	0.03	< 0.5	2	60	42	2.62	< 10	< 1	0.43	30
P389572	94139402	5.62	< 0.03	< 0.2	0.55	194	< 10	90	0.5	6	0.04	< 0.5	1	50	43	1.96	< 10	< 1	0.34	20
P389573	94139402	6.50	0.12	1.2	0.48	5960	< 10	100	< 0.5	14	0.03	< 0.5	1	61	61	1.84	< 10	< 1	0.31	10
P389574	94139402	8.30	< 0.03	< 0.2	0.51	878	< 10	30	0.5	2	0.08	< 0.5	9	74	39	3.48	< 10	< 1	0.11	< 10
P389575	94139402	4.70	< 0.03	< 0.2	1.66	78	< 10	140	1.0	< 2	0.43	< 0.5	7	62	12	3.37	< 10	< 1	0.74	10
P389576	94139402	9.42	< 0.03	< 0.2	1.73	336	< 10	80	0.5	2	0.46	< 0.5	7	68	24	4.40	< 10	< 1	0.59	10
P389577	94139402	6.94	< 0.03	< 0.2	1.42	120	< 10	60	2.0	2	1.16	< 0.5	31	81	12	6.10	< 10	< 1	0.35	< 10
P389578	94139402	6.60	< 0.03	< 0.2	1.34	108	< 10	30	2.0	< 2	0.43	< 0.5	14	57	24	6.60	< 10	< 1	0.27	10
P389579	94139402	9.00	< 0.03	< 0.2	2.29	48	< 10	360	2.0	< 2	0.47	< 0.5	12	59	23	5.97	< 10	< 1	1.35	10
P389580	94139402	6.70	0.03	< 0.2	1.04	138	< 10	60	0.5	< 2	0.17	< 0.5	11	34	84	7.16	< 10	< 1	0.22	< 10
P389581	94139402	5.24	< 0.03	< 0.2	2.44	80	< 10	50	1.0	< 2	0.39	< 0.5	18	34	76	8.66	< 10	< 1	0.16	< 10
P389582	94139402	6.08	< 0.03	0.2	3.05	40	< 10	160	1.0	< 2	0.30	< 0.5	11	24	107	9.49	< 10	< 1	0.23	< 10
P389583	94139402	6.24	0.09	0.2	1.01	802	< 10	130	0.5	< 2	0.14	< 0.5	6	74	128	9.07	< 10	< 1	0.25	< 10
P389584	94139402	5.78	0.54	11.8	0.24	4050	< 10	190	< 0.5	36	0.07	< 0.5	2	85	15	3.48	< 10	< 1	0.58	< 10
P389585	94139402	4.98	0.09	0.2	0.37	674	< 10	260	< 0.5	< 2	0.06	< 0.5	4	76	61	5.51	< 10	< 1	0.35	< 10
P389586	94139402	7.90	0.03	< 0.2	1.21	356	< 10	260	0.5	< 2	0.21	< 0.5	9	77	67	5.91	< 10	< 1	0.43	< 10
P389587	94139402	9.46	< 0.03	< 0.2	2.98	54	< 10	50	0.5	< 2	2.09	< 0.5	20	58	50	5.90	< 10	< 1	0.41	< 10
P389588	94139402	6.32	< 0.03	< 0.2	2.92	52	< 10	70	0.5	< 2	0.86	< 0.5	18	47	50	3.60	< 10	< 1	0.44	< 10
P389589	94139402	5.78	< 0.03	< 0.2	3.31	16	< 10	70	0.5	< 2	0.89	< 0.5	17	56	47	3.28	< 10	< 1	0.44	< 10
P389590	94139402	5.84	< 0.03	< 0.2	3.82	16	< 10	140	0.5	< 2	0.92	< 0.5	18	68	46	4.04	< 10	< 1	0.51	< 10
P389591	94139402	5.34	< 0.03	< 0.2	2.72	8	< 10	130	0.5	< 2	0.77	< 0.5	15	70	48	3.42	< 10	< 1	0.40	< 10
P389592	94139402	5.38	< 0.03	< 0.2	2.34	14	< 10	90	0.5	< 2	0.66	< 0.5	15	58	44	3.16	< 10	< 1	0.66	< 10
P389593	94139402	3.30	< 0.03	< 0.2	2.22	10	< 10	120	0.5	< 2	0.41	< 0.5	14	65	17	3.74	< 10	< 1	0.66	< 10
P389594	94139402	6.10	< 0.03	< 0.2	2.06	20	< 10	190	0.5	2	0.66	< 0.5	11	64	26	2.96	< 10	< 1	0.73	< 10
P389595	94139402	7.48	< 0.03	< 0.2	1.47	42	< 10	140	0.5	2	0.30	< 0.5	8	64	74	6.26	< 10	< 1	0.68	< 10
P389596	94139402	6.96	0.03	0.2	1.47	10	< 10	< 10	1.5	< 2	0.40	< 0.5	7	19	176	>15.00	< 10	< 1	0.22	< 10
P389597	94139402	6.42	< 0.03	< 0.2	0.65	52	< 10	130	0.5	< 2	0.14	< 0.5	6	43	95	11.55	< 10	< 1	0.80	10
P389598	94139402	6.30	< 0.03	0.6	0.33	18	< 10	40	< 0.5	< 2	0.06	< 0.5	2	83	16	2.40	< 10	< 1	0.26	< 10
P389599	94139402	7.70	0.03	0.8	0.64	56	< 10	60	< 0.5	146	0.13	< 0.5	5	120	52	5.68	< 10	< 1	0.39	< 10
P389600	94139402	11.58	< 0.03	0.4	0.52	164	< 10	80	< 0.5	4	0.10	< 0.5	8	86	52	4.86	< 10	< 1	0.43	< 10
P389601	94139402	12.34	< 0.03	0.2	0.77	104	< 10	70	< 0.5	< 2	0.12	< 0.5	5	75	48	3.86	< 10	< 1	0.41	< 10
P389602	94139402	5.68	< 0.03	< 0.2	4.09	8	< 10	100	1.0	2	0.58	< 0.5	21	244	89	3.38	< 10	< 1	0.08	< 10
P389603	94139402	8.38	< 0.03	< 0.2	3.64	8	< 10	60	0.5	< 2	0.28	< 0.5	15	269	79	5.65	< 10	< 1	0.16	< 10
P389604	94139402	6.74	0.24	< 0.2	0.60	220	< 10	140	0.5	12	0.06	< 0.5	11	119	200	3.21	< 10	< 1	0.23	10
P389605	94139402	5.66	0.42	< 0.2	1.04	276	< 10	430	1.0	8	0.09	< 0.5	12	110	232	4.17	< 10	< 1	0.38	10
P389606	94139402	3.78	0.45	1.0	0.90	288	< 10	390	1.0	10	0.10	< 0.5	12	97	250	4.81	< 10	< 1	0.42	20
P389607	94139402	4.12	0.51	0.2	0.45	856	< 10	1270	0.5	12	0.06	< 0.5	16	75	199	6.13	< 10	< 1	0.15	< 10
P389608	94139402	4.72	0.24	0.4	0.35	2080	< 10	650	0.5	72	0.05	< 0.5	7	77	153	3.57	< 10	< 1	0.16	< 10
P389609	94139402	4.00	0.30	0.2	0.46	1240	< 10	280	< 0.5	20	0.06	< 0.5	5	97	201	3.96	< 10	< 1	0.24	< 10

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

ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LTD.
1016 - 510 W. HASTINGS ST.
VANCOUVER, BC
V6B 1L8

Project : GOLDEN REVENUE
Comments:

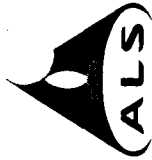
Page 1 of 1-B
Total F : 2
Certificate Date: 31-AUG-2001
Invoice No. : I0123044
P.O. Number :
Account : RCM

CERTIFICATE OF ANALYSIS

A0123044

SAMPLE	PREP CODE	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
P389570	94139402	0.33	55	3	0.04	6	280	6	0.14	2	3	11	0.01	< 10	< 10	21	< 10	38
P389571	94139402	0.05	20	1	0.05	4	310	8	0.40	8	3	15	< 0.01	10	< 10	13	< 10	30
P389572	94139402	0.07	20	1	0.03	3	240	8	0.31	2	2	17	< 0.01	10	< 10	10	< 10	26
P389573	94139402	0.01	10	7	0.03	1	90	22	0.39	8	1	13	< 0.01	< 10	< 10	6	< 10	6
P389574	94139402	0.03	305	< 1	< 0.01	13	450	6	0.05	2	10	9	< 0.01	< 10	< 10	38	< 10	82
P389575	94139402	0.97	650	< 1	< 0.01	19	710	2	< 0.01	< 2	12	8	0.04	< 10	< 10	61	< 10	44
P389576	94139402	1.12	520	< 1	0.04	21	670	8	0.06	< 2	11	18	0.04	< 10	< 10	59	< 10	100
P389577	94139402	0.54	1185	< 1	< 0.01	69	960	90	0.01	< 2	24	16	0.01	< 10	< 10	105	< 10	172
P389578	94139402	0.40	835	< 1	< 0.01	17	1270	28	0.01	4	18	8	0.01	< 10	< 10	85	< 10	126
P389579	94139402	1.47	760	< 1	0.03	16	1350	6	0.01	2	22	12	0.15	< 10	< 10	146	< 10	102
P389580	94139402	0.27	475	7	0.02	14	570	22	0.18	< 2	11	18	< 0.01	< 10	< 10	81	< 10	90
P389581	94139402	1.13	920	< 1	< 0.01	15	940	10	0.07	< 2	14	21	< 0.01	< 10	< 10	89	< 10	146
P389582	94139402	1.35	645	< 1	0.01	7	1260	2	0.14	< 2	18	28	0.01	< 10	< 10	110	< 10	100
P389583	94139402	0.29	365	2	0.01	10	750	18	0.33	6	7	27	< 0.01	< 10	< 10	57	< 10	70
P389584	94139402	0.07	40	7	0.01	3	550	644	0.98	24	9	84	< 0.01	< 10	< 10	9	< 10	8
P389585	94139402	0.03	155	8	0.01	16	450	22	0.50	4	2	36	< 0.01	< 10	< 10	36	< 10	32
P389586	94139402	0.42	245	5	0.03	19	510	16	0.41	< 2	7	28	0.03	< 10	< 10	59	< 10	50
P389587	94139402	1.73	895	< 1	0.01	15	560	< 2	0.05	< 2	18	39	0.02	< 10	< 10	140	< 10	60
P389588	94139402	1.89	280	< 1	0.17	14	590	< 2	0.02	< 2	10	41	0.09	< 10	< 10	127	< 10	30
P389589	94139402	2.10	240	< 1	0.20	16	450	< 2	< 0.01	< 2	8	58	0.10	< 10	< 10	115	< 10	34
P389590	94139402	2.28	270	< 1	0.21	16	530	< 2	0.02	< 2	12	51	0.11	< 10	< 10	147	< 10	44
P389591	94139402	1.85	270	< 1	0.15	15	600	< 2	0.03	2	9	36	0.09	< 10	< 10	115	< 10	32
P389592	94139402	1.60	265	< 1	0.13	13	490	2	0.06	< 2	9	28	0.11	< 10	< 10	111	< 10	30
P389593	94139402	1.46	275	< 1	0.07	8	570	< 2	0.05	< 2	10	15	0.09	< 10	< 10	74	< 10	30
P389594	94139402	1.19	255	< 1	0.08	11	500	2	0.04	< 2	9	22	0.09	< 10	< 10	67	< 10	30
P389595	94139402	0.64	260	4	0.06	6	320	6	0.64	6	9	64	0.06	< 10	< 10	70	< 10	24
P389596	94139402	0.27	305	< 1	0.04	5	430	6	0.35	12	6	45	0.05	< 10	< 10	53	< 10	28
P389597	94139402	0.06	135	8	0.07	2	630	10	1.44	10	3	69	< 0.01	< 10	< 10	35	< 10	16
P389598	94139402	0.01	25	6	0.06	3	240	2	0.43	< 2	1	38	< 0.01	< 10	< 10	14	< 10	10
P389599	94139402	0.13	100	4	0.04	5	650	18	0.71	2	3	30	< 0.01	< 10	< 10	62	< 10	20
P389600	94139402	0.05	120	5	0.03	6	410	12	0.79	2	3	27	< 0.01	< 10	< 10	38	< 10	26
P389601	94139402	0.24	75	8	0.03	6	350	8	0.75	< 2	3	34	< 0.01	< 10	< 10	32	< 10	18
P389602	94139402	1.50	340	< 1	0.04	103	1030	2	0.08	< 2	9	77	0.09	< 10	< 10	68	< 10	54
P389603	94139402	2.51	580	1	0.01	66	720	< 2	0.10	< 2	12	41	0.03	< 10	< 10	99	< 10	68
P389604	94139402	0.12	95	2	< 0.01	46	420	2	0.08	8	4	18	< 0.01	< 10	< 10	34	< 10	20
P389605	94139402	0.40	130	3	< 0.01	34	480	2	0.14	8	8	25	0.02	< 10	< 10	67	< 10	22
P389606	94139402	0.32	120	2	0.01	28	630	< 2	0.37	8	9	42	0.01	< 10	< 10	76	< 10	22
P389607	94139402	0.03	220	3	< 0.01	20	310	6	0.13	54	4	57	< 0.01	< 10	< 10	38	< 10	32
P389608	94139402	0.03	110	3	< 0.01	10	170	2	0.11	26	4	46	< 0.01	< 10	< 10	20	< 10	18
P389609	94139402	0.03	65	3	< 0.01	9	240	6	0.17	20	2	33	< 0.01	< 10	< 10	22	< 10	16

CERTIFICATION:



ALS Chemex

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

ATAC RESOURCES LTD.
C/O ARCHER, CATRO & ASSOCIATES (1981) LTD.
1016 - 510 W. HASTINGS ST.
VANCOUVER, BC
V6B 1L8

Project: GOLDEN REVENUE
Comments:

Page: 2-A
Total: 2
Certificate Date: 31-AUG-2001
Invoice No.: 10123044
P.O. Number:
Account: RCM

CERTIFICATE OF ANALYSIS A0123044

SAMPLE	PREP CODE	Weight Kg	Au g/t	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm
P389610	94139402	5.90	0.42	1.8	0.54	494	< 10	310	0.5	26	0.05	< 0.5	7	56	231	4.53	< 10	< 1	0.31	10
P389611	94139402	4.98	0.36	< 0.2	0.40	800	< 10	480	0.5	12	0.07	< 0.5	3	75	108	2.90	< 10	< 1	0.26	10
P389612	94139402	6.18	0.15	< 0.2	1.06	172	< 10	490	2.0	8	0.14	< 0.5	66	139	318	6.95	< 10	< 1	0.24	10
P389613	94139402	4.60	0.12	0.6	0.79	568	< 10	500	0.5	58	0.08	< 0.5	19	106	431	5.89	< 10	< 1	0.21	< 10
P389614	94139402	4.74	0.09	< 0.2	1.23	266	< 10	450	1.5	< 2	0.11	< 0.5	13	128	322	5.40	< 10	< 1	0.33	10
P389615	94139402	6.94	0.03	< 0.2	0.67	172	< 10	790	0.5	< 2	0.05	< 0.5	17	111	194	4.45	< 10	< 1	0.22	10
P389616	94139402	5.00	0.18	< 0.2	1.41	84	< 10	400	1.5	< 2	0.18	< 0.5	15	113	235	5.55	< 10	< 1	0.55	20
P389617	94139402	7.76	0.06	< 0.2	0.86	232	< 10	380	1.0	< 2	0.10	< 0.5	12	102	164	5.19	< 10	< 1	0.46	10
P389618	94139402	7.50	0.60	< 0.2	0.83	534	< 10	410	0.5	2	0.08	< 0.5	13	98	131	4.64	< 10	< 1	0.40	10
P389619	94139402	5.44	3.15	0.2	0.52	1770	< 10	430	0.5	54	0.05	< 0.5	12	47	175	3.49	< 10	< 1	0.30	10
P389620	94139402	7.14	4.17	0.2	0.88	3690	< 10	540	1.5	18	0.15	< 0.5	14	96	330	6.26	< 10	< 1	0.33	10
P389621	94139402	5.96	0.15	< 0.2	0.72	730	< 10	530	0.5	6	0.06	< 0.5	10	72	187	4.00	< 10	< 1	0.33	30
P389622	94139402	5.98	0.30	< 0.2	0.62	412	< 10	280	0.5	12	0.08	< 0.5	4	86	103	2.48	< 10	< 1	0.33	30
P389623	94139402	6.60	0.18	< 0.2	1.17	152	< 10	90	1.5	< 2	0.25	< 0.5	6	71	177	4.31	< 10	< 1	0.26	50
P389624	94139402	5.06	0.09	< 0.2	1.08	162	< 10	60	1.0	2	0.17	< 0.5	8	80	135	2.40	< 10	< 1	0.26	10
P389625	94139402	7.78	0.06	< 0.2	1.81	138	< 10	110	1.5	< 2	0.16	< 0.5	10	94	113	3.42	< 10	< 1	0.81	30
P389626	94139402	5.32	0.09	< 0.2	1.25	132	< 10	100	0.5	2	0.10	< 0.5	7	91	64	2.04	< 10	< 1	0.45	10
P389627	94139402	6.06	0.51	0.2	1.37	264	< 10	50	1.5	114	0.15	< 0.5	9	90	316	3.98	< 10	< 1	0.47	30
P389628	94139402	0.46	0.09	< 0.2	0.60	58	< 10	50	0.5	< 2	0.17	< 0.5	7	84	223	1.72	< 10	< 1	0.12	10
P389629	94139402	0.80	< 0.03	< 0.2	0.57	32	< 10	430	< 0.5	< 2	0.05	< 0.5	2	49	8	0.64	< 10	< 1	0.08	10
P389630	94139402	2.34	0.06	0.6	0.74	86	< 10	130	0.5	2	0.18	< 0.5	10	57	149	1.71	< 10	< 1	0.20	20

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

ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LTD.
1016 - 510 W. HASTINGS ST.
VANCOUVER, BC
V6B 1L8

Project : GOLDEN REVENUE
Comments:

Page 1 of 2-B
Total F : 2
Certificate Date: 31-AUG-2001
Invoice No. : 10123044
P.O. Number :
Account : RCM

CERTIFICATE OF ANALYSIS

A0123044

SAMPLE	PREP CODE	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
P389610	94139402	0.03	85	3 < 0.01		11	270	6	0.20	30	3	22 < 0.01	< 10	< 10	12	< 10	20	
P389611	94139402	0.03	45	4 0.01		8	340	2	0.30	10	5	43 < 0.01	< 10	< 10	27	< 10	10	
P389612	94139402	0.22	580	2 < 0.01		203	590	2	0.12	< 2	20	41 < 0.01	< 10	< 10	79	< 10	106	
P389613	94139402	0.04	210	1 < 0.01		50	150	2	0.09	22	15	46 < 0.01	< 10	< 10	53	< 10	52	
P389614	94139402	0.26	150	3 < 0.01		31	670	10	0.24	10	16	34 0.01	< 10	< 10	83	< 10	46	
P389615	94139402	0.08	245	5 < 0.01		37	550	2	0.12	8	6	23 < 0.01	< 10	< 10	49	< 10	50	
P389616	94139402	0.48	245	3 0.03		29	760	2	0.43	< 2	12	66 0.03	< 10	< 10	100	< 10	34	
P389617	94139402	0.23	230	6 0.01		23	1010	4	0.45	16	9	54 0.01	< 10	< 10	93	< 10	40	
P389618	94139402	0.11	270	5 0.01		22	680	4	0.32	22	7	49 < 0.01	10	< 10	63	< 10	54	
P389619	94139402	0.05	255	3 < 0.01		14	380	2	0.17	26	4	41 < 0.01	< 10	< 10	17	< 10	46	
P389620	94139402	0.07	230	8 0.01		35	1060	4	0.34	44	12	108 < 0.01	< 10	< 10	62	< 10	42	
P389621	94139402	0.04	170	4 0.01		21	550	2	0.27	42	6	42 < 0.01	10	< 10	21	< 10	28	
P389622	94139402	0.05	45	2 0.01		11	530	2	0.29	14	4	32 < 0.01	< 10	< 10	17	< 10	12	
P389623	94139402	0.29	80	1 0.06		17	740	< 2	0.38	4	6	69 < 0.01	10	< 10	42	< 10	12	
P389624	94139402	0.27	100	1 0.02		22	360	4	0.05	2	4	15 0.01	< 10	< 10	25	< 10	12	
P389625	94139402	0.61	145	< 1 0.02		27	420	4	0.05	< 2	5	14 0.08	10	< 10	31	< 10	18	
P389626	94139402	0.36	85	< 1 0.05		19	190	2 < 0.01	< 2	3	8	8 0.04	< 10	< 10	19	< 10	10	
P389627	94139402	0.39	125	1 0.01		26	430	22 0.06	2	4	17	0.03	< 10	< 10	25	< 10	22	
P389628	94139402	0.05	105	1 < 0.01		5	590	2 0.01	4	2	7	< 0.01	< 10	< 10	13	< 10	18	
P389629	94139402	0.01	85	< 1 0.02		1	90	4 0.13	2	< 1	22	< 0.01	< 10	< 10	10	< 10	16	
P389630	94139402	0.20	70	18 0.01		4	710	8 0.14	6	3	29	< 0.01	< 10	< 10	21	< 10	12	

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

ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LTD.
1016 - 510 W. HASTINGS ST.
VANCOUVER, BC
V6B 1L8

Project : GOLDEN REVENUE
Comments:

Page Number : 1-A
Total : 1
Certificate Date: 22-AUG-2001
Invoice No. : I0122393
P.O. Number :
Account : RCM

CERTIFICATE OF ANALYSIS

A0122393

SAMPLE	PREP CODE	Weight Kg	Au g/t	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm
P389501	94139402	1.08	< 0.03	< 0.2	0.54	< 2	< 10	50	< 0.5	< 2	1.36	< 0.5	15	78	57	1.17	< 10	< 1	0.04	10
P389502	94139402	0.16	< 0.03	< 0.2	0.99	2	< 10	300	< 0.5	< 2	1.95	< 0.5	28	76	120	2.15	< 10	< 1	0.29	20
P389503	94139402	0.10	< 0.03	< 0.2	1.22	< 2	< 10	40	0.5	< 2	2.35	< 0.5	12	122	10	1.86	< 10	< 1	0.10	10

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: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LTD.
1016 - 510 W. HASTINGS ST.
VANCOUVER, BC
V6B 1L8

Project: GOLDEN REVENUE
Comments:

Page: 1-B
Total: 1
Certificate Date: 22-AUG-2001
Invoice No.: I0122393
P.O. Number:
Account: RCM

CERTIFICATE OF ANALYSIS

A0122393

SAMPLE	PREP CODE	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
P389501	94139402	0.44	270	< 1	0.06	28	1650	2	0.03	< 2	5	38	0.11	< 10	< 10	39	< 10	24
P389502	94139402	0.82	410	< 1	0.13	22	1960	< 2	0.53	< 2	7	63	0.13	< 10	< 10	51	< 10	40
P389503	94139402	1.16	350	1	0.18	19	1910	< 2	< 0.01	< 2	10	84	0.13	< 10	< 10	71	< 10	28

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

ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LTD.
1016 - 510 W. HASTINGS ST.
VANCOUVER, BC
V6B 1L8

Project : GOLDEN REVENUE
Comments :

Page Number : 1-A
Total : 2
Certificate Date : 22-AUG-2001
Invoice No. : I0122392
P.O. Number :
Account : RCM

CERTIFICATE OF ANALYSIS

A0122392

SAMPLE	PREP CODE	Weight Kg	Au g/t	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm
P389504	94139402	4.48	< 0.03	0.4	0.28	252	< 10	180	< 0.5	< 2	0.04	< 0.5	< 1	57	24	3.13	< 10	< 1	0.46	10
P389505	94139402	6.58	< 0.03	0.2	0.37	322	< 10	180	< 0.5	< 2	0.03	< 0.5	< 1	51	50	2.69	< 10	< 1	0.28	10
P389506	94139402	3.38	< 0.03	0.4	0.42	306	< 10	230	< 0.5	< 2	0.03	< 0.5	1	55	48	2.86	< 10	< 1	0.32	30
P389507	94139402	4.30	< 0.03	< 0.2	0.50	156	< 10	140	0.5	< 2	0.05	< 0.5	4	58	85	4.53	< 10	< 1	0.21	20
P389508	94139402	4.24	< 0.03	0.6	0.71	232	< 10	90	1.5	< 2	0.13	1.0	7	107	331	>15.00	< 10	< 1	0.43	10
P389509	94139402	3.14	0.09	1.2	0.58	1820	< 10	130	0.5	< 2	0.03	< 0.5	1	62	119	5.43	< 10	< 1	0.49	10
P389510	94139402	4.28	0.03	0.6	0.57	1290	< 10	140	< 0.5	< 2	0.04	< 0.5	1	51	88	3.66	< 10	< 1	0.44	10
P389511	94139402	5.00	0.30	1.8	0.97	3040	< 10	170	0.5	< 2	0.06	< 0.5	6	54	288	6.98	< 10	< 1	0.37	10
P389512	94139402	6.14	0.06	< 0.2	2.32	36	< 10	160	1.0	< 2	0.11	< 0.5	10	94	199	5.17	< 10	< 1	0.40	< 10
P389513	94139402	5.22	< 0.03	< 0.2	1.64	28	< 10	110	0.5	< 2	0.05	< 0.5	3	75	283	4.39	< 10	< 1	0.22	< 10
P389514	94139402	6.56	< 0.03	< 0.2	0.45	74	< 10	200	< 0.5	< 2	0.01	< 0.5	< 1	63	55	1.54	< 10	< 1	0.26	< 10
P389515	94139402	4.34	< 0.03	0.2	0.61	212	< 10	100	< 0.5	< 2	0.06	< 0.5	< 1	68	90	1.72	< 10	< 1	0.18	10
P389516	94139402	5.42	< 0.03	< 0.2	0.44	146	< 10	220	< 0.5	4	0.02	< 0.5	< 1	69	43	0.71	< 10	< 1	0.13	10
P389517	94139402	6.62	< 0.03	< 0.2	0.33	192	< 10	290	< 0.5	< 2	0.02	< 0.5	< 1	56	29	1.14	< 10	< 1	0.27	10
P389518	94139402	5.44	0.06	1.0	0.35	4100	< 10	180	< 0.5	< 2	0.05	< 0.5	1	72	63	3.27	< 10	< 1	0.43	< 10
P389519	94139402	7.48	0.75	1.4	0.41	1590	< 10	130	< 0.5	6	0.05	< 0.5	< 1	87	41	2.43	< 10	< 1	0.46	10
P389520	94139402	4.16	< 0.03	< 0.2	1.42	114	< 10	100	0.5	< 2	0.10	< 0.5	1	101	73	2.76	< 10	< 1	0.33	20
P389521	94139402	4.82	0.06	< 0.2	1.06	98	< 10	90	0.5	< 2	0.11	< 0.5	4	84	79	3.19	< 10	< 1	0.27	30
P389522	94139402	5.00	0.03	< 0.2	0.81	72	< 10	70	0.5	< 2	0.09	< 0.5	7	74	61	3.19	< 10	< 1	0.25	30
P389523	94139402	5.86	< 0.03	< 0.2	1.10	626	< 10	100	0.5	< 2	0.10	< 0.5	4	82	66	2.52	< 10	< 1	0.32	30
P389524	94139402	4.46	< 0.03	< 0.2	1.34	136	< 10	90	0.5	< 2	0.10	< 0.5	8	85	48	3.07	< 10	< 1	0.40	30
P389525	94139402	4.62	0.06	< 0.2	1.08	250	< 10	100	0.5	< 2	0.09	< 0.5	6	82	62	3.44	< 10	< 1	0.35	30
P389526	94139402	5.28	< 0.03	< 0.2	1.19	112	< 10	60	0.5	< 2	0.10	< 0.5	3	79	59	2.59	< 10	< 1	0.29	40
P389527	94139402	5.16	0.06	< 0.2	1.08	338	< 10	60	< 0.5	< 2	0.16	< 0.5	1	73	62	2.24	< 10	< 1	0.27	40
P389528	94139402	5.86	0.12	< 0.2	0.50	1695	< 10	80	0.5	2	0.05	< 0.5	4	61	51	3.37	< 10	< 1	0.30	30
P389529	94139402	4.26	0.03	< 0.2	1.01	2600	< 10	90	0.5	8	0.09	< 0.5	3	69	67	3.00	< 10	< 1	0.33	30
P389530	94139402	5.60	0.03	< 0.2	0.83	482	< 10	90	< 0.5	10	0.08	< 0.5	< 1	68	49	1.50	< 10	< 1	0.33	50
P389531	94139402	4.58	1.29	1.0	1.68	538	< 10	110	0.5	36	0.14	< 0.5	1	392	201	5.10	< 10	< 1	0.31	30
P389532	94139402	3.82	0.27	0.6	2.51	1150	< 10	110	0.5	22	0.17	< 0.5	2	357	235	5.71	10	< 1	0.32	10
P389533	94139402	5.12	0.12	0.4	3.47	1450	< 10	140	0.5	< 2	0.13	< 0.5	4	40	274	8.89	10	< 1	1.58	< 10
P389534	94139402	11.10	0.03	0.2	4.12	208	< 10	130	0.5	< 2	0.53	0.5	22	177	501	12.15	10	< 1	1.71	< 10
P389535	94139402	6.42	< 0.03	0.2	3.73	60	< 10	80	< 0.5	< 2	0.62	< 0.5	15	83	307	9.63	10	< 1	1.90	< 10
P389536	94139402	6.40	1.59	1.0	4.01	5490	< 10	90	< 0.5	8	0.74	< 0.5	12	65	384	8.88	10	< 1	1.68	< 10
P389537	94139402	4.94	0.03	0.4	3.92	412	< 10	70	0.5	< 2	0.74	< 0.5	10	59	451	9.19	10	< 1	1.69	< 10
P389538	94139402	6.44	0.09	0.8	3.30	346	< 10	70	< 0.5	< 2	0.80	< 0.5	16	72	566	9.86	< 10	< 1	1.70	< 10
P389539	94139402	6.74	< 0.03	0.8	3.05	600	< 10	60	0.5	< 2	0.60	< 0.5	13	62	464	9.73	10	< 1	1.66	< 10
P389540	94139402	6.68	0.06	0.4	3.83	858	< 10	90	0.5	40	0.48	< 0.5	21	49	418	8.75	10	< 1	1.98	< 10
P389541	94139402	5.40	0.18	1.0	3.83	5970	< 10	60	0.5	18	0.50	< 0.5	20	66	621	10.60	10	< 1	1.63	< 10
P389542	94139402	5.40	< 0.03	< 0.2	3.45	76	< 10	60	< 0.5	< 2	1.13	< 0.5	16	63	213	6.22	< 10	< 1	1.14	< 10
P389543	94139402	4.96	0.09	< 0.2	3.07	294	< 10	70	0.5	< 2	1.02	< 0.5	24	55	217	7.82	10	< 1	1.50	< 10

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

ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LTD.
1016 - 510 W. HASTINGS ST.
VANCOUVER, BC
V6B 1L8

Project: GOLDEN REVENUE
Comments:

Page: 1-B
Total: 2
Certificate Date: 22-AUG-2001
Invoice No.: I0122392
P.O. Number:
Account: RCM

CERTIFICATE OF ANALYSIS

A0122392

SAMPLE	PREP CODE	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
P389504	94139402	0.03	20	3	0.03	2	260	18	0.70	16	2	16	< 0.01	< 10	< 10	14	< 10	42
P389505	94139402	0.03	20	6	0.01	2	310	20	0.36	16	3	12	< 0.01	< 10	< 10	37	< 10	34
P389506	94139402	0.02	20	1	0.01	2	330	12	0.48	18	4	13	< 0.01	< 10	< 10	29	< 10	46
P389507	94139402	0.03	50	2	0.02	3	1400	8	0.30	14	18	23	< 0.01	< 10	< 10	98	< 10	86
P389508	94139402	0.06	45	1	0.09	7	2170	< 2	0.95	8	40	49	< 0.01	< 10	< 10	234	< 10	150
P389509	94139402	0.02	30	3	0.05	4	900	24	1.01	60	15	30	< 0.01	< 10	< 10	91	< 10	44
P389510	94139402	0.05	25	4	0.05	4	500	12	0.86	24	10	26	< 0.01	< 10	< 10	58	< 10	26
P389511	94139402	0.27	275	1	0.03	14	770	14	0.76	18	14	22	< 0.01	< 10	< 10	75	< 10	68
P389512	94139402	0.77	300	5	0.02	30	610	6	0.17	6	15	21	0.06	< 10	< 10	86	< 10	114
P389513	94139402	0.56	75	3	0.01	7	450	6	0.22	6	16	14	0.01	< 10	< 10	83	< 10	74
P389514	94139402	0.02	5	1	0.01	2	270	8	0.37	8	8	10	< 0.01	< 10	< 10	24	< 10	2
P389515	94139402	0.04	5	1	0.01	3	350	12	0.27	16	20	14	< 0.01	< 10	< 10	67	< 10	4
P389516	94139402	0.01	5	4	< 0.01	3	230	18	0.11	18	7	28	< 0.01	< 10	< 10	25	< 10	2
P389517	94139402	0.01	5	5	0.01	2	330	12	0.30	16	2	27	< 0.01	< 10	< 10	12	< 10	2
P389518	94139402	0.10	35	9	0.01	3	380	20	0.72	36	4	33	< 0.01	< 10	< 10	19	< 10	10
P389519	94139402	0.05	20	6	0.02	3	430	32	0.68	12	4	28	< 0.01	< 10	< 10	30	< 10	8
P389520	94139402	0.55	90	8	0.04	9	650	6	0.21	6	5	19	0.02	< 10	< 10	74	< 10	38
P389521	94139402	0.44	90	6	0.04	12	580	6	0.26	4	5	21	0.01	< 10	< 10	50	< 10	44
P389522	94139402	0.33	100	1	0.05	12	330	6	0.18	2	4	17	0.01	< 10	< 10	29	< 10	40
P389523	94139402	0.40	85	3	0.05	10	340	6	0.19	2	5	23	0.02	< 10	< 10	35	< 10	32
P389524	94139402	0.57	110	2	0.04	18	350	2	0.11	4	4	18	0.03	< 10	< 10	34	< 10	38
P389525	94139402	0.38	90	3	0.04	12	320	4	0.22	2	3	19	0.01	< 10	< 10	24	< 10	32
P389526	94139402	0.51	70	1	0.06	9	370	2	0.18	2	4	21	0.01	< 10	< 10	32	< 10	24
P389527	94139402	0.44	50	1	0.05	9	330	2	0.25	2	4	28	0.01	< 10	< 10	30	< 10	16
P389528	94139402	0.11	60	1	0.05	7	310	2	0.32	2	2	25	< 0.01	< 10	< 10	13	< 10	26
P389529	94139402	0.32	65	2	0.03	9	360	< 2	0.19	4	3	22	0.01	< 10	< 10	19	< 10	24
P389530	94139402	0.09	20	1	0.03	6	380	6	0.28	14	4	40	< 0.01	< 10	< 10	17	< 10	8
P389531	94139402	0.95	85	3	0.03	22	510	8	0.24	8	5	19	0.01	< 10	< 10	58	< 10	30
P389532	94139402	1.42	185	5	0.01	16	510	8	0.28	12	12	22	0.01	< 10	< 10	100	< 10	32
P389533	94139402	2.11	190	3	0.10	5	960	2	1.17	4	30	39	0.16	< 10	< 10	253	< 10	52
P389534	94139402	3.04	530	3	0.09	25	390	< 2	0.93	6	42	22	0.30	< 10	< 10	335	< 10	134
P389535	94139402	2.60	415	2	0.11	18	1060	< 2	1.01	2	34	23	0.32	< 10	< 10	273	< 10	70
P389536	94139402	2.76	390	4	0.13	15	880	< 2	0.90	2	28	25	0.25	< 10	< 10	237	< 10	50
P389537	94139402	2.60	380	3	0.15	14	920	< 2	1.09	12	28	35	0.26	< 10	< 10	241	< 10	56
P389538	94139402	2.29	390	3	0.15	17	760	< 2	1.10	2	28	20	0.32	< 10	< 10	255	< 10	50
P389539	94139402	2.10	335	3	0.13	15	660	< 2	1.16	6	29	19	0.25	< 10	< 10	237	< 10	42
P389540	94139402	2.57	355	2	0.11	28	720	< 2	0.90	2	23	26	0.23	< 10	< 10	203	< 10	50
P389541	94139402	2.75	325	3	0.10	12	720	< 2	1.27	2	35	20	0.22	< 10	< 10	284	< 10	50
P389542	94139402	1.96	475	3	0.20	24	860	< 2	0.40	2	18	53	0.18	< 10	< 10	146	< 10	46
P389543	94139402	1.93	645	3	0.12	25	2110	< 2	0.57	8	20	53	0.19	< 10	< 10	175	< 10	102

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

ATAC RESOURCES LTD.

C/O ARCHER, CATHRO & ASSOCIATES (1981) LTD.

1016 - 510 W. HASTINGS ST.

VANCOUVER, BC

V6B 1L8

Project: GOLDEN REVENUE

Comments:

Page 1 of 2-A

Total F: 2

Certificate Date: 22-AUG-2001

Invoice No.: I0122392

P.O. Number:

Account: RCM

CERTIFICATE OF ANALYSIS

A0122392

SAMPLE	PREP CODE	Weight Kg	Au g/t	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm
P389544	94139402	5.30	0.33	0.2	3.30	444	< 10	60	1.5	90	0.29	0.5	26	73	407	11.70	10	< 1	1.33	< 10
P389545	94139402	5.28	0.69	1.6	1.15	5840	< 10	80	1.0	30	0.11	< 0.5	2	57	602	10.45	< 10	< 1	0.55	< 10
P389546	94139402	5.02	0.24	0.2	0.58	460	< 10	150	< 0.5	6	0.06	< 0.5	< 1	46	54	2.27	< 10	< 1	0.45	10
P389547	94139402	5.50	< 0.03	0.2	0.96	280	< 10	140	0.5	< 2	0.10	< 0.5	6	81	129	5.95	< 10	< 1	0.26	10
P389548	94139402	4.30	< 0.03	< 0.2	0.89	110	< 10	90	0.5	< 2	0.09	< 0.5	6	65	140	5.04	< 10	< 1	0.22	< 10
P389549	94139402	5.92	< 0.03	< 0.2	1.02	56	< 10	100	0.5	< 2	0.14	< 0.5	4	56	121	3.99	< 10	< 1	0.18	< 10
P389550	94139402	4.24	< 0.03	< 0.2	1.15	66	< 10	140	0.5	< 2	0.12	< 0.5	1	48	130	3.80	< 10	< 1	0.28	< 10
P389551	94139402	5.58	< 0.03	< 0.2	0.97	290	< 10	90	< 0.5	< 2	0.11	< 0.5	1	53	112	2.84	< 10	< 1	0.21	< 10
P389552	94139402	5.24	< 0.03	0.2	0.71	106	< 10	210	< 0.5	< 2	0.07	< 0.5	3	53	94	3.42	< 10	< 1	0.33	10
P389553	94139402	5.10	0.15	1.0	1.40	1530	< 10	180	0.5	2	0.10	< 0.5	1	61	204	4.62	< 10	< 1	0.48	< 10
P389554	94139402	7.26	< 0.03	< 0.2	2.62	72	< 10	160	1.5	< 2	0.18	< 0.5	11	155	441	7.46	< 10	< 1	0.39	< 10
P389555	94139402	3.82	< 0.03	< 0.2	3.82	68	< 10	180	1.0	< 2	0.46	< 0.5	15	185	558	5.07	< 10	< 1	0.84	10
P389556	94139402	7.62	0.03	0.6	0.61	532	< 10	260	< 0.5	2	0.04	< 0.5	< 1	82	97	1.86	< 10	< 1	0.34	10
P389557	94139402	5.74	0.63	1.0	0.45	3520	< 10	170	< 0.5	10	0.06	< 0.5	< 1	61	86	2.88	< 10	< 1	0.53	10
P389558	94139402	4.26	0.33	1.6	0.26	6460	< 10	90	< 0.5	6	0.03	< 0.5	2	72	133	3.28	< 10	< 1	0.56	< 10
P389559	94139402	4.78	0.03	0.2	0.61	1240	< 10	200	< 0.5	< 2	0.05	< 0.5	< 1	66	93	1.66	< 10	< 1	0.38	20
P389560	94139402	5.84	< 0.03	< 0.2	1.42	388	< 10	130	0.5	< 2	0.11	< 0.5	1	70	246	2.46	< 10	< 1	0.42	40
P389561	94139402	4.92	0.30	0.2	1.03	490	< 10	130	< 0.5	2	0.08	< 0.5	< 1	79	193	1.98	< 10	< 1	0.44	40
P389562	94139402	7.28	< 0.03	0.2	1.08	550	< 10	100	< 0.5	2	0.10	< 0.5	< 1	73	202	1.83	< 10	< 1	0.33	30
P389563	94139402	6.60	< 0.03	< 0.2	1.55	252	< 10	90	0.5	< 2	0.14	0.5	3	90	173	2.88	< 10	< 1	0.32	40
P389564	94139402	4.76	0.18	0.2	0.78	228	< 10	140	< 0.5	< 2	0.05	< 0.5	< 1	53	145	2.54	< 10	< 1	0.39	30
P389565	94139402	3.98	0.48	1.0	0.94	86	< 10	290	0.5	< 2	0.06	< 0.5	4	120	180	6.85	< 10	< 1	0.34	10
P389566	94139402	5.94	0.45	2.6	1.08	280	< 10	250	0.5	52	0.08	< 0.5	5	111	182	6.41	< 10	< 1	0.36	20
P389567	94139402	6.58	0.63	1.2	0.76	412	< 10	300	0.5	26	0.05	< 0.5	11	129	155	7.18	< 10	< 1	0.33	10
P389568	94139402	5.34	< 0.03	0.8	0.74	108	< 10	270	0.5	12	0.06	< 0.5	6	118	129	5.16	< 10	< 1	0.30	10
P389569	94139402	5.56	0.03	0.6	1.27	1220	< 10	210	0.5	2	0.09	< 0.5	3	113	106	4.11	< 10	< 1	0.36	30

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

ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LTD.
1016 - 510 W. HASTINGS ST.
VANCOUVER, BC
V6B 1L8

Project: GOLDEN REVENUE
Comments:

Page 1 of 2
Total 1 : 2
Certificate Date: 22-AUG-2001
Invoice No. : 10122392
P.O. Number :
Account : RCM

CERTIFICATE OF ANALYSIS

A0122392

SAMPLE	PREP CODE	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
P389544	94139402	2.26	600	1	0.04	28	800	< 2	0.67	6	32	26	0.09	< 10	< 10	203	< 10	130
P389545	94139402	0.23	45	1	0.07	4	1460	2	1.00	16	35	29	0.01	< 10	< 10	162	< 10	20
P389546	94139402	0.12	25	2	0.02	2	170	2	0.56	2	3	16	< 0.01	< 10	< 10	23	< 10	6
P389547	94139402	0.19	105	3	0.03	11	520	10	0.37	16	11	22	< 0.01	< 10	< 10	77	< 10	68
P389548	94139402	0.17	95	3	0.04	7	390	8	0.26	8	9	19	< 0.01	< 10	< 10	55	< 10	64
P389549	94139402	0.22	75	4	0.05	5	250	16	0.16	6	7	14	< 0.01	< 10	< 10	23	< 10	60
P389550	94139402	0.28	35	2	0.06	3	280	22	0.43	2	7	15	< 0.01	< 10	< 10	27	< 10	38
P389551	94139402	0.22	40	1	0.08	4	210	16	0.26	2	6	17	< 0.01	< 10	< 10	18	< 10	44
P389552	94139402	0.06	40	1	0.04	3	310	26	0.51	< 2	5	12	< 0.01	< 10	< 10	23	< 10	48
P389553	94139402	0.21	30	1	0.05	6	360	26	0.79	8	12	17	< 0.01	< 10	< 10	99	< 10	54
P389554	94139402	0.96	180	2	0.06	22	550	10	0.56	4	21	26	0.01	< 10	< 10	133	< 10	134
P389555	94139402	1.41	325	3	0.08	52	510	6	0.30	6	16	65	0.11	< 10	< 10	107	< 10	110
P389556	94139402	0.05	15	7	0.02	4	170	48	0.44	18	5	22	< 0.01	< 10	< 10	33	< 10	6
P389557	94139402	0.07	20	7	0.01	3	190	62	0.77	24	4	40	< 0.01	< 10	< 10	31	< 10	8
P389558	94139402	0.02	10	8	0.01	3	340	62	1.20	26	3	30	< 0.01	< 10	< 10	17	< 10	6
P389559	94139402	0.04	10	3	0.04	2	220	16	0.51	8	4	27	< 0.01	< 10	< 10	20	< 10	4
P389560	94139402	0.27	50	2	0.07	7	410	12	0.49	6	4	31	< 0.01	< 10	< 10	31	< 10	12
P389561	94139402	0.17	30	3	0.05	3	300	10	0.48	8	4	20	< 0.01	< 10	< 10	20	< 10	8
P389562	94139402	0.18	30	3	0.03	4	380	12	0.30	10	4	33	< 0.01	< 10	< 10	27	< 10	10
P389563	94139402	0.45	85	3	0.03	10	410	16	0.27	8	5	27	0.01	< 10	< 10	38	< 10	32
P389564	94139402	0.05	15	4	0.04	3	350	10	0.45	14	3	20	< 0.01	< 10	< 10	20	< 10	8
P389565	94139402	0.31	100	16	0.03	19	520	12	0.47	6	5	15	< 0.01	< 10	< 10	70	< 10	70
P389566	94139402	0.34	90	7	0.03	17	470	56	0.46	8	6	17	0.02	< 10	< 10	74	< 10	46
P389567	94139402	0.20	105	8	0.01	23	590	32	0.41	6	5	11	< 0.01	< 10	< 10	65	< 10	62
P389568	94139402	0.25	90	6	0.01	17	370	14	0.37	2	4	11	< 0.01	< 10	< 10	61	< 10	40
P389569	94139402	0.47	95	4	0.04	13	450	10	0.32	8	5	21	< 0.01	< 10	< 10	52	< 10	56

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: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LTD.
1016 - 510 W. HASTINGS ST.
VANCOUVER, BC
V6B 1L8

Project: GOLDEN REVENUE
Comments:

Page: 1-A
Total: 1
Certificate Date: 03-AUG-2001
Invoice No.: I0121301
P.O. Number:
Account: RCM

CERTIFICATE OF ANALYSIS

A0121301

SAMPLE	PREP CODE	Weight Kg	Au g/t	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm
BB29905	94139402	7.30	0.33	0.4	2.05	30	< 10	120	0.5	22	0.05	< 0.5	2	46	409	3.37	< 10	< 1	1.09	30
BB29906	94139402	6.44	0.24	< 0.2	2.97	32	< 10	140	0.5	22	0.07	< 0.5	2	48	558	3.06	< 10	< 1	1.17	50
BB29907	94139402	6.54	0.09	< 0.2	1.49	78	< 10	60	0.5	14	0.07	< 0.5	1	40	504	2.56	< 10	< 1	0.47	40
BB29908	94139402	8.94	0.09	0.2	1.98	50	< 10	110	0.5	8	0.09	< 0.5	2	45	596	3.45	< 10	< 1	0.85	40
BB29909	94139402	5.34	0.03	< 0.2	0.59	112	< 10	140	1.0	< 2	0.14	< 0.5	16	33	397	3.61	< 10	< 1	0.12	30
BB29910	94139402	6.46	0.06	< 0.2	2.44	122	< 10	200	1.0	6	0.20	< 0.5	30	35	623	6.29	< 10	< 1	1.43	50
BB29911	94139402	3.74	0.03	< 0.2	1.30	84	< 10	260	0.5	6	0.19	< 0.5	6	36	566	3.36	< 10	< 1	0.57	30
BB29912	94139402	4.22	0.09	< 0.2	1.28	226	< 10	200	1.0	10	0.18	< 0.5	30	35	668	5.61	< 10	< 1	0.62	30
BB29913	94139402	3.10	0.21	0.2	1.92	72	< 10	120	0.5	14	0.22	< 0.5	22	48	537	4.75	< 10	< 1	1.01	30
BB29914	94139402	2.56	0.45	2.0	0.45	36	< 10	50	< 0.5	196	0.05	< 0.5	1	89	118	0.93	< 10	< 1	0.27	10
BB29915	94139402	2.36	0.06	< 0.2	1.36	54	< 10	110	0.5	12	0.28	< 0.5	31	29	572	4.56	< 10	< 1	0.60	20
BB29916	94139402	6.20	0.06	< 0.2	0.75	128	< 10	130	0.5	< 2	0.14	< 0.5	34	37	371	5.01	< 10	< 1	0.34	40
BB29917	94139402	4.22	0.18	< 0.2	1.20	244	< 10	90	1.5	14	0.21	< 0.5	62	29	622	8.27	< 10	< 1	0.36	10
BB29918	94139402	10.70	0.09	0.2	0.41	114	< 10	370	0.5	30	0.08	< 0.5	10	29	275	3.09	< 10	< 1	0.22	20
BB29919	94139402	7.16	0.09	0.6	0.22	22	< 10	130	< 0.5	20	0.05	< 0.5	1	45	1255	0.48	< 10	1	0.13	< 10

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

ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LTD.
1016 - 510 W. HASTINGS ST.
VANCOUVER, BC
V6B 1L8

Project : GOLDEN REVENUE
Comments:

Page 1 of 1
Total 1
Certificate Date: 03-AUG-2001
Invoice No. : 10121301
P.O. Number :
Account : RCM

CERTIFICATE OF ANALYSIS

A0121301

SAMPLE	PREP CODE	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
BB29905	94139402	0.97	50	5	0.03	4	280	< 2	0.54	< 2	15	19	0.08	10	< 10	93	< 10	14
BB29906	94139402	1.25	65	3	0.02	7	330	< 2	0.37	< 2	24	20	0.09	20	< 10	106	< 10	14
BB29907	94139402	0.39	25	4	0.01	6	250	2	0.29	< 2	15	15	0.02	10	< 10	48	< 10	10
BB29908	94139402	0.79	45	3	0.03	5	430	< 2	0.54	< 2	17	18	0.07	10	< 10	91	< 10	16
BB29909	94139402	0.13	170	1	0.01	14	280	8	0.03	< 2	4	12	< 0.01	10	< 10	13	< 10	72
BB29910	94139402	1.67	340	3	0.03	22	380	< 2	0.19	< 2	21	40	0.11	10	< 10	116	< 10	86
BB29911	94139402	0.61	95	3	0.06	9	480	< 2	0.25	< 2	8	47	0.09	< 10	< 10	63	< 10	32
BB29912	94139402	0.62	340	11	0.03	25	420	< 2	0.32	20	15	47	0.05	10	< 10	73	< 10	86
BB29913	94139402	1.01	255	2	0.05	19	490	< 2	0.48	< 2	22	73	0.10	10	< 10	104	< 10	104
BB29914	94139402	0.15	20	1	0.01	3	120	20	0.17	2	4	15	0.01	< 10	< 10	19	< 10	8
BB29915	94139402	0.67	160	3	0.06	21	510	2	0.44	< 2	17	55	0.05	< 10	< 10	100	< 10	114
BB29916	94139402	0.23	245	46	0.03	24	480	4	0.33	2	16	45	0.02	10	< 10	68	< 10	224
BB29917	94139402	0.43	985	17	0.02	48	630	< 2	0.24	10	31	50	0.04	< 10	< 10	113	< 10	132
BB29918	94139402	0.07	100	4	0.02	8	400	6	0.33	8	12	45	< 0.01	10	< 10	49	< 10	36
BB29919	94139402	0.03	10	2	< 0.01	1	60	2	0.10	8	2	28	< 0.01	< 10	< 10	7	< 10	2

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

o: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LTD.
1016 - 510 W. HASTINGS ST.
VANCOUVER, BC
V6B 1L8

Project : GOLDEN REVENUE
Comments:

Page # : 1-A
Total : 1
Certificate Date: 02-AUG-2001
Invoice No. : I0121261
P.O. Number :
Account : RCM

CERTIFICATE OF ANALYSIS

A0121261

SAMPLE	PREP CODE	Weight Kg	Au g/t	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm
BB29920	94139402	2.50	< 0.03	< 0.2	0.38	406	< 10	350	0.5	6	0.04	< 0.5	10	51	171	4.19	< 10	< 1	0.14	10
BB29921	94139402	5.68	0.09	0.2	0.50	326	< 10	150	0.5	16	0.05	< 0.5	12	57	190	3.91	< 10	< 1	0.16	10
BB29922	94139402	5.92	0.03	< 0.2	1.24	122	< 10	200	0.5	58	0.18	< 0.5	13	118	220	4.28	< 10	1	0.37	20
BB29923	94139402	7.58	0.87	0.2	0.65	456	< 10	420	0.5	4	0.08	< 0.5	8	69	153	4.28	< 10	< 1	0.21	20
BB29924	94139402	4.66	0.18	< 0.2	1.39	164	< 10	130	< 0.5	16	0.12	< 0.5	5	84	142	3.58	< 10	1	0.59	20
BB29925	94139402	3.70	< 0.03	< 0.2	1.08	328	< 10	90	2.0	< 2	0.13	< 0.5	10	54	329	10.75	< 10	1	0.32	10
BB29926	94139402	3.82	0.09	0.2	0.89	186	< 10	250	0.5	10	0.12	< 0.5	1	62	154	5.37	< 10	< 1	0.38	20
BB29927	94139402	4.60	0.21	0.2	0.94	96	< 10	160	0.5	12	0.13	< 0.5	1	67	196	7.05	10	< 1	0.36	10
BB29928	94139402	4.62	5.10	1.8	0.25	372	< 10	60	< 0.5	8	0.08	< 0.5	1	83	130	6.76	< 10	< 1	0.16	< 10
BB29929	94139402	2.64	14.73	2.0	0.18	88	< 10	80	0.5	90	0.08	< 0.5	1	90	83	10.35	10	< 1	1.15	< 10
BB29930	94139402	3.84	0.24	0.2	0.49	312	< 10	240	0.5	< 2	0.08	< 0.5	1	57	164	8.63	10	< 1	0.42	10
BB29931	94139402	5.30	0.39	0.2	0.47	756	< 10	260	0.5	8	0.06	< 0.5	2	59	282	8.77	< 10	< 1	0.30	10
BB29932	94139402	3.78	0.06	0.2	0.28	626	< 10	230	0.5	< 2	0.09	< 0.5	6	41	162	5.83	< 10	< 1	0.44	30
BB29933	94139402	4.14	0.15	0.2	1.12	216	< 10	160	< 0.5	< 2	0.27	< 0.5	1	66	184	3.41	< 10	< 1	0.38	50
BB29934	94139402	7.78	0.06	< 0.2	1.87	210	< 10	110	1.0	< 2	0.28	< 0.5	22	83	123	4.42	< 10	< 1	0.78	10

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

: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LTD.
1016 - 510 W. HASTINGS ST.
VANCOUVER, BC
V6B 1L8

Project : GOLDEN REVENUE
Comments:

Page No : 1-B
Total F : 1
Certificate Date: 02-AUG-2001
Invoice No. : I0121261
P.O. Number :
Account : RCM

CERTIFICATE OF ANALYSIS

A0121261

SAMPLE	PREP CODE	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
BB29920	94139402	0.01	125	6 < 0.01		15	430	< 2	0.14	46	4	13 < 0.01	< 10	< 10	24	< 10		28
BB29921	94139402	0.03	150	2 < 0.01		22	330	< 2	0.08	32	3	10 < 0.01	< 10	< 10	17	< 10		26
BB29922	94139402	0.45	120	6 0.01		58	400	< 2	0.08	4	7	21 0.06	< 10	< 10	52	< 10		42
BB29923	94139402	0.15	115	7 < 0.01		22	470	2	0.09	16	4	16 0.01	< 10	< 10	33	< 10		24
BB29924	94139402	0.45	95	2 0.01		14	320	< 2	0.06	2	4	28 0.07	< 10	< 10	36	< 10		14
BB29925	94139402	0.36	375	1 < 0.01		28	550	< 2	0.08	8	3	19 0.02	< 10	< 10	38	< 10		22
BB29926	94139402	0.29	80	1 0.02		9	630	< 2	0.26	< 2	6	81 0.05	< 10	< 10	52	< 10		10
BB29927	94139402	0.28	90	2 0.03		9	620	< 2	0.29	4	4	59 0.03	< 10	< 10	54	< 10		8
BB29928	94139402	0.03	50	1 < 0.01		6	720	< 2	0.19	14	< 1	31 0.01	< 10	< 10	16	10		12
BB29929	94139402	0.06	50	1 0.05		7	920	< 2	1.79	2	< 1	51 0.01	< 10	< 10	22	< 10		< 2
BB29930	94139402	0.11	85	5 0.04		12	630	< 2	0.63	14	5	55 < 0.01	< 10	< 10	52	< 10		10
BB29931	94139402	0.05	150	4 0.02		9	740	< 2	0.41	20	2	46 < 0.01	< 10	< 10	38	< 10		14
BB29932	94139402	0.03	105	7 0.01		6	790	< 2	0.64	14	< 1	155 < 0.01	< 10	< 10	13	< 10		6
BB29933	94139402	0.44	50	3 0.01		8	540	< 2	0.16	8	6	64 0.02	< 10	< 10	78	< 10		10
BB29934	94139402	0.75	330	4 < 0.01		41	670	< 2 < 0.01		2	8	16 0.07	< 10	< 10	91	< 10		34

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

ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LTD.
1016 - 510 W. HASTINGS ST.
VANCOUVER, BC
V6B 1L8

Project: GOLDEN REVENUE
Comments:

Page 1 of 1-A
Total 1 : 3
Certificate Date: 06-AUG-2001
Invoice No. : 10121243
P.O. Number :
Account : RCM

CERTIFICATE OF ANALYSIS

A0121243

SAMPLE	PREP CODE	Weight Kg	Au g/t	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm
M452605	94139402	6.26	0.33	2.2	1.76	336	< 10	50	0.5	12	0.19	< 0.5	4	27	554	5.58	10	< 1	0.72	< 10
M452606	94139402	7.66	0.42	1.6	1.18	554	< 10	40	1.0	16	0.18	< 0.5	6	31	654	6.01	< 10	< 1	0.29	< 10
M452607	94139402	9.84	0.15	0.6	1.12	320	< 10	30	0.5	8	0.20	< 0.5	3	30	340	2.97	< 10	< 1	0.35	< 10
M452608	94139402	9.92	0.33	0.2	1.79	210	< 10	40	0.5	72	0.23	< 0.5	2	29	305	3.27	< 10	< 1	0.48	< 10
M452609	94139402	9.88	0.27	0.6	1.61	272	< 10	60	0.5	26	0.21	< 0.5	4	43	286	3.32	< 10	< 1	0.52	< 10
M452610	94139402	9.78	0.15	0.6	1.71	176	< 10	70	0.5	12	0.20	< 0.5	4	55	324	3.81	< 10	< 1	0.60	10
M452611	94139402	9.04	0.27	0.4	0.96	406	< 10	60	1.0	12	0.17	< 0.5	6	40	336	4.87	< 10	< 1	0.34	20
M452612	94139402	7.84	0.24	0.6	0.64	874	< 10	530	1.5	4	0.08	< 0.5	5	49	484	5.31	< 10	< 1	0.10	10
M452613	94139402	8.28	0.21	0.6	0.77	616	< 10	60	1.0	6	0.11	< 0.5	3	101	378	4.54	< 10	< 1	0.31	30
M452614	94139402	9.46	0.33	0.4	1.38	292	< 10	70	1.0	2	0.20	< 0.5	5	48	429	4.85	< 10	< 1	0.62	30
M452615	94139402	9.52	0.30	0.8	1.69	234	< 10	80	1.0	10	0.19	< 0.5	4	52	545	5.83	< 10	1	0.60	10
M452616	94139402	8.88	0.21	0.2	2.84	166	< 10	100	0.5	8	0.24	< 0.5	5	87	537	5.45	< 10	< 1	1.11	< 10
M452617	94139402	10.00	0.15	0.2	3.63	126	< 10	280	0.5	4	0.30	< 0.5	6	68	616	6.64	10	< 1	1.65	< 10
M452618	94139402	8.96	0.15	0.2	3.49	64	< 10	260	0.5	< 2	0.31	< 0.5	9	61	628	6.78	10	< 1	1.45	< 10
M452619	94139402	7.14	0.12	< 0.2	3.17	88	< 10	150	0.5	2	0.51	< 0.5	10	78	685	6.97	10	< 1	1.23	20
M452620	94139402	9.68	0.12	0.2	2.62	78	< 10	150	0.5	10	0.33	< 0.5	8	90	730	6.85	10	< 1	0.94	< 10
M452621	94139402	7.02	0.21	0.4	1.21	2390	< 10	70	1.0	14	0.34	< 0.5	22	28	368	5.56	< 10	1	0.35	10
M452622	94139402	9.14	0.21	0.2	1.03	3890	< 10	70	1.5	26	0.35	< 0.5	27	22	449	6.17	< 10	< 1	0.26	10
M452623	94139402	7.36	0.06	< 0.2	0.96	562	< 10	30	1.5	< 2	0.26	< 0.5	21	30	199	4.87	< 10	< 1	0.19	< 10
M452624	94139402	8.70	0.06	< 0.2	1.00	804	< 10	50	1.0	8	0.38	< 0.5	20	35	182	4.53	< 10	< 1	0.22	< 10
M452625	94139402	9.00	0.06	< 0.2	1.02	382	< 10	60	1.5	< 2	0.82	< 0.5	21	61	221	6.33	< 10	< 1	0.17	< 10
M452626	94139402	9.36	0.06	< 0.2	1.63	1905	< 10	110	1.5	36	0.33	< 0.5	20	53	322	5.76	< 10	< 1	0.82	10
M452627	94139402	9.08	0.03	< 0.2	0.96	902	< 10	60	0.5	2	0.18	< 0.5	9	37	82	2.86	< 10	1	0.52	10
M452628	94139402	7.18	0.06	< 0.2	0.75	1000	< 10	70	0.5	6	0.18	< 0.5	20	31	138	4.66	< 10	< 1	0.39	10
M452629	94139402	5.20	0.03	< 0.2	0.29	674	< 10	170	< 0.5	< 2	0.13	< 0.5	6	33	72	2.98	< 10	< 1	0.17	< 10
M452630	94139402	5.46	0.15	< 0.2	0.43	656	< 10	120	1.0	4	0.09	< 0.5	14	36	208	3.98	< 10	< 1	0.15	20
M452631	94139402	5.50	0.15	< 0.2	0.43	410	< 10	80	1.5	< 2	0.07	< 0.5	18	23	258	4.86	< 10	< 1	0.09	10
M452632	94139402	7.50	0.09	0.2	0.33	394	< 10	100	< 0.5	2	0.07	< 0.5	5	51	120	2.08	< 10	< 1	0.12	< 10
M452633	94139402	6.48	0.60	1.0	0.83	982	< 10	170	1.0	26	0.21	< 0.5	7	36	336	7.77	10	< 1	0.43	< 10
M452634	94139402	5.42	1.62	0.2	1.35	1235	< 10	170	1.5	32	0.38	< 0.5	12	69	407	9.61	10	< 1	0.64	< 10
M452635	94139402	7.96	0.39	0.2	1.69	1865	< 10	130	1.0	22	0.34	< 0.5	10	107	397	7.68	10	< 1	0.41	< 10
M452636	94139402	6.44	0.57	0.4	2.38	2500	< 10	90	1.5	30	0.52	< 0.5	15	261	619	8.75	10	< 1	0.56	10
M452637	94139402	5.34	0.45	< 0.2	2.49	1045	< 10	70	0.5	8	0.48	< 0.5	12	134	429	7.24	10	< 1	0.37	< 10
M452638	94139402	5.64	0.42	< 0.2	1.27	1150	< 10	50	1.5	4	0.42	< 0.5	17	75	306	7.09	< 10	< 1	0.19	< 10
M452639	94139402	6.54	0.30	< 0.2	1.58	230	< 10	60	0.5	< 2	0.36	< 0.5	13	79	230	5.34	< 10	< 1	0.13	< 10
M452640	94139402	6.14	0.27	< 0.2	2.45	340	< 10	80	0.5	2	0.49	< 0.5	14	111	166	4.77	< 10	1	0.56	< 10
M452641	94139402	7.88	0.09	< 0.2	1.83	146	< 10	70	< 0.5	2	0.46	< 0.5	14	68	126	4.16	< 10	< 1	0.43	< 10
M452642	94139402	8.14	< 0.03	< 0.2	2.55	204	< 10	90	0.5	< 2	0.47	< 0.5	16	58	67	4.06	10	1	1.23	< 10
M452643	94139402	7.64	0.03	< 0.2	2.31	148	< 10	100	< 0.5	< 2	0.44	< 0.5	14	95	67	4.05	10	1	1.07	10
M452644	94139402	8.20	< 0.03	< 0.2	2.44	80	< 10	200	< 0.5	4	0.25	< 0.5	8	48	41	3.69	< 10	2	1.32	10

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

ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LTD.
1016 - 510 W. HASTINGS ST.
VANCOUVER, BC
V6B 1L8

Project : GOLDEN REVENUE
Comments:

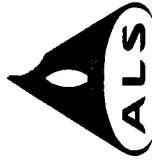
Page 1 of 1
Total : 3
Certificate Date: 06-AUG-2001
Invoice No. : 10121243
P.O. Number :
Account : RCM

CERTIFICATE OF ANALYSIS

A0121243

SAMPLE	PREP CODE	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
M452605	94139402	0.95	65	3	0.02	9	760	12	0.16	8	10	45	0.07	< 10	< 10	37	< 10	50
M452606	94139402	0.42	50	2	0.02	13	980	8	0.15	14	6	39	0.01	< 10	< 10	34	< 10	28
M452607	94139402	0.52	40	2	0.01	6	510	6	0.01	4	7	18	0.03	< 10	< 10	23	< 10	20
M452608	94139402	0.87	55	1	0.01	6	490	8	0.01	2	8	17	0.04	< 10	< 10	27	< 10	20
M452609	94139402	0.81	65	3	0.03	9	480	4	0.08	4	8	33	0.05	< 10	< 10	40	< 10	24
M452610	94139402	0.91	65	2	0.02	9	560	2	0.07	6	9	35	0.05	< 10	< 10	52	< 10	20
M452611	94139402	0.41	55	2	< 0.01	14	730	2	0.06	12	8	32	0.02	< 10	< 10	49	< 10	54
M452612	94139402	0.06	45	3	< 0.01	19	770	< 2	0.05	26	7	23	< 0.01	< 10	< 10	30	< 10	40
M452613	94139402	0.25	40	5	< 0.01	12	750	< 2	0.09	8	8	35	0.01	< 10	< 10	66	< 10	30
M452614	94139402	0.80	60	2	0.01	13	820	2	0.04	6	11	39	0.05	< 10	< 10	58	< 10	40
M452615	94139402	0.82	55	2	0.01	10	1100	< 2	0.07	8	14	38	0.06	< 10	< 10	81	< 10	30
M452616	94139402	1.40	85	3	0.01	15	830	< 2	< 0.01	< 2	14	12	0.11	< 10	< 10	78	< 10	34
M452617	94139402	2.02	110	3	0.02	17	1100	< 2	< 0.01	2	16	15	0.22	< 10	< 10	119	< 10	38
M452618	94139402	1.85	110	5	0.02	20	1070	< 2	< 0.01	6	14	14	0.21	< 10	< 10	114	< 10	44
M452619	94139402	1.88	115	4	0.01	22	1230	2	< 0.01	< 2	15	23	0.17	10	< 10	130	< 10	60
M452620	94139402	1.43	95	4	0.01	18	990	< 2	0.01	8	17	19	0.13	< 10	< 10	98	< 10	42
M452621	94139402	0.54	505	2	0.01	14	520	< 2	0.13	50	17	46	0.01	< 10	< 10	89	< 10	38
M452622	94139402	0.46	855	1	0.03	19	620	2	0.21	20	17	47	< 0.01	< 10	< 10	88	< 10	40
M452623	94139402	0.29	275	< 1	0.01	24	510	4	0.06	4	17	29	0.02	< 10	< 10	79	< 10	40
M452624	94139402	0.37	430	1	0.01	20	540	< 2	0.09	6	15	38	< 0.01	< 10	< 10	65	< 10	38
M452625	94139402	0.35	460	1	0.04	30	700	2	0.11	6	18	56	0.06	< 10	< 10	91	< 10	40
M452626	94139402	0.97	335	3	0.01	25	560	< 2	0.12	6	15	59	0.04	< 10	< 10	72	< 10	32
M452627	94139402	0.49	255	2	0.01	5	230	< 2	0.01	2	5	12	0.03	< 10	< 10	14	< 10	18
M452628	94139402	0.34	300	2	0.04	13	340	< 2	0.20	< 2	10	37	0.01	< 10	< 10	39	< 10	20
M452629	94139402	0.04	105	1	0.03	4	190	< 2	0.27	2	5	24	< 0.01	< 10	< 10	6	< 10	12
M452630	94139402	0.03	265	1	< 0.01	14	450	4	0.19	6	14	36	< 0.01	< 10	< 10	16	< 10	26
M452631	94139402	0.03	515	< 1	< 0.01	19	420	< 2	0.08	18	19	19	< 0.01	< 10	< 10	43	< 10	44
M452632	94139402	0.01	245	2	< 0.01	5	150	2	0.13	22	3	30	< 0.01	< 10	< 10	11	< 10	14
M452633	94139402	0.08	405	1	0.13	8	580	< 2	0.90	18	11	115	< 0.01	< 10	< 10	60	< 10	26
M452634	94139402	0.43	610	3	0.18	11	540	2	1.10	6	16	127	0.04	< 10	< 10	83	< 10	34
M452635	94139402	0.67	295	2	0.09	14	540	< 2	0.46	10	16	98	0.05	< 10	< 10	109	< 10	34
M452636	94139402	1.04	520	3	0.05	43	690	2	0.36	2	21	135	0.10	< 10	< 10	114	< 10	48
M452637	94139402	1.15	645	2	0.06	18	570	< 2	0.17	< 2	23	74	0.12	< 10	< 10	148	< 10	38
M452638	94139402	0.53	350	2	0.02	30	560	< 2	0.10	2	18	45	< 0.01	< 10	< 10	95	< 10	42
M452639	94139402	0.51	135	1	0.09	22	770	< 2	0.21	2	12	49	0.11	< 10	< 10	93	< 10	24
M452640	94139402	1.13	210	1	0.06	26	620	< 2	0.04	< 2	11	30	0.09	< 10	< 10	77	< 10	32
M452641	94139402	0.85	150	1	0.05	13	830	2	0.08	8	12	44	0.09	< 10	< 10	76	< 10	30
M452642	94139402	1.89	195	3	0.03	17	770	< 2	0.02	< 2	14	24	0.10	< 10	< 10	101	< 10	36
M452643	94139402	1.50	220	4	0.03	20	1020	< 2	0.06	2	12	39	0.10	< 10	< 10	86	< 10	30
M452644	94139402	1.64	215	3	0.03	8	430	< 2	0.07	< 2	9	30	0.12	< 10	< 10	59	< 10	24

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

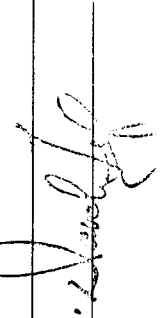
: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LTD.
1016 - 510 W. HASTINGS ST.
VANCOUVER, BC
V6B 1L8

Project: GOLDEN REVENUE
Comments:

Page 1 of 2-A
Total F. : 3
Certificate Date: 06-AUG-2001
Invoice No. : 10121243
P.O. Number :
Account : RCM

CERTIFICATE OF ANALYSIS A0121243

SAMPLE	PREP CODE	Weight Kg	Au g/t	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm
M452645	94139402	9.00	0.03	< 0.2	1.82	98	< 10	90	< 0.5	< 2	0.31	< 0.5	11	64	46	3.19	< 10	< 1	0.70	< 10
M452646	94139402	6.98	< 0.03	< 0.2	1.52	254	< 10	70	0.5	< 2	0.30	< 0.5	15	74	52	2.64	< 10	< 1	0.51	10
M452647	94139402	7.22	< 0.03	< 0.2	1.53	120	< 10	60	0.5	< 2	0.27	< 0.5	14	62	51	2.66	< 10	< 1	0.38	10
M452648	94139402	7.02	0.12	< 0.2	1.66	270	< 10	60	0.5	20	0.38	< 0.5	19	39	92	3.82	< 10	< 1	0.49	10
M452649	94139402	8.22	0.09	< 0.2	1.01	382	< 10	60	0.5	< 2	0.25	< 0.5	12	45	89	3.21	< 10	1	0.26	10
M452650	94139402	8.32	0.06	< 0.2	1.53	330	< 10	50	0.5	4	0.34	< 0.5	15	64	102	3.97	< 10	< 1	0.51	10
M452651	94139402	7.32	0.09	< 0.2	2.19	342	< 10	60	0.5	6	0.44	< 0.5	17	81	169	4.62	< 10	< 1	0.66	20
M452652	94139402	8.74	0.15	< 0.2	1.73	1095	< 10	70	0.5	6	0.39	< 0.5	19	73	150	4.30	< 10	< 1	0.63	30
M452653	94139402	9.18	0.09	< 0.2	1.94	206	< 10	150	0.5	6	0.47	< 0.5	16	132	110	3.48	< 10	2	0.44	< 10
M452654	94139402	7.88	0.15	< 0.2	0.85	308	< 10	230	1.0	10	0.18	< 0.5	13	86	254	4.70	< 10	< 1	0.35	20
M452655	94139402	9.02	0.18	< 0.2	0.55	420	< 10	190	0.5	12	0.11	< 0.5	11	60	320	3.08	< 10	< 1	0.25	10
M452656	94139402	8.44	0.69	< 0.2	0.48	284	< 10	140	0.5	< 2	0.13	< 0.5	4	37	233	1.80	< 10	< 1	0.17	10
M452657	94139402	8.80	0.24	< 0.2	0.45	322	< 10	80	0.5	< 2	0.12	< 0.5	5	31	239	1.86	< 10	< 1	0.15	10
M452658	94139402	9.26	0.06	< 0.2	0.44	290	< 10	100	0.5	< 2	0.18	< 0.5	6	31	242	2.42	< 10	< 1	0.16	10
M452659	94139402	7.36	0.06	< 0.2	2.77	84	< 10	120	< 0.5	6	0.71	< 0.5	29	25	318	7.12	10	< 1	1.89	< 10
M452660	94139402	8.12	< 0.03	< 0.2	2.93	62	< 10	190	< 0.5	< 2	1.24	< 0.5	24	32	233	6.56	10	< 1	2.07	< 10
M452661	94139402	6.38	< 0.03	< 0.2	3.00	36	< 10	230	< 0.5	4	1.57	< 0.5	23	39	197	6.81	10	1	2.46	< 10
M452662	94139402	5.64	< 0.03	< 0.2	2.72	84	< 10	290	< 0.5	< 2	3.30	< 0.5	21	67	75	6.08	< 10	< 1	2.20	< 10
M452663	94139402	6.96	0.06	< 0.2	2.36	54	< 10	180	0.5	8	0.60	< 0.5	39	54	172	6.97	10	2	1.65	< 10
M452664	94139402	10.36	0.03	< 0.2	1.62	114	< 10	90	1.0	< 2	0.87	< 0.5	39	21	340	6.78	< 10	< 1	0.94	< 10
M452665	94139402	8.38	< 0.03	< 0.2	1.58	80	< 10	220	< 0.5	8	0.29	< 0.5	12	35	139	3.48	< 10	1	0.87	< 10
M452666	94139402	8.04	< 0.03	< 0.2	3.30	30	< 10	160	< 0.5	2	0.57	< 0.5	16	22	238	6.21	10	< 1	2.05	< 10
M452667	94139402	6.06	< 0.03	< 0.2	3.06	170	< 10	290	< 0.5	8	0.40	< 0.5	17	19	316	6.31	10	3	2.03	< 10
M452668	94139402	8.22	0.03	< 0.2	0.70	342	< 10	70	1.5	< 2	0.09	< 0.5	30	40	178	4.71	< 10	< 1	0.20	10
M452669	94139402	9.66	0.18	0.2	0.60	396	< 10	130	1.0	18	0.11	< 0.5	26	32	171	5.81	< 10	< 1	0.44	20
M452670	94139402	8.72	0.42	< 0.2	1.63	204	< 10	90	0.5	16	0.22	< 0.5	16	37	350	6.24	< 10	< 1	0.97	10
M452671	94139402	8.44	< 0.03	< 0.2	1.29	396	< 10	80	0.5	< 2	0.21	< 0.5	21	30	308	5.79	< 10	< 1	0.58	10
M452672	94139402	8.04	0.18	0.2	1.11	788	< 10	80	0.5	< 2	0.08	< 0.5	11	38	224	8.24	< 10	< 1	0.80	< 10
M452673	94139402	8.76	0.12	1.4	0.28	494	< 10	70	< 0.5	90	0.05	< 0.5	11	55	130	8.07	< 10	< 1	0.29	< 10
M452674	94139402	9.50	< 0.03	0.2	1.39	262	< 10	50	0.5	10	0.17	< 0.5	7	28	306	8.29	10	< 1	0.47	< 10
M452675	94139402	9.42	0.18	< 0.2	2.90	58	< 10	120	< 0.5	< 2	0.38	< 0.5	9	49	311	5.59	10	< 1	1.15	< 10
M452676	94139402	10.76	0.15	< 0.2	2.83	70	< 10	140	< 0.5	8	0.36	< 0.5	15	26	320	5.99	10	< 1	1.24	< 10
M452677	94139402	9.56	0.09	< 0.2	2.59	96	< 10	250	< 0.5	6	0.35	< 0.5	24	33	299	5.89	10	< 1	1.15	< 10
M452678	94139402	7.46	0.06	< 0.2	1.64	184	< 10	110	0.5	2	0.29	< 0.5	11	38	490	4.40	< 10	< 1	0.24	< 10
M452679	94139402	7.88	0.24	1.8	1.07	256	< 10	90	0.5	12	0.44	< 0.5	3	45	564	8.30	10	< 1	0.27	< 10
M452680	94139402	7.34	0.30	0.8	1.27	338	< 10	130	< 0.5	10	0.14	< 0.5	4	44	565	8.59	10	< 1	0.90	< 10
M452681	94139402	10.88	0.03	< 0.2	2.31	92	< 10	190	< 0.5	2	0.18	< 0.5	4	58	411	5.31	10	< 1	1.43	< 10
M452682	94139402	9.06	0.09	< 0.2	2.22	94	< 10	140	< 0.5	< 2	0.26	< 0.5	13	28	329	5.40	10	< 1	1.18	10
M452683	94139402	8.98	0.15	< 0.2	2.01	134	< 10	60	0.5	4	0.31	< 0.5	27	23	471	6.64	10	< 1	0.83	10
M452684	94139402	6.64	0.27	< 0.2	1.80	130	< 10	40	< 0.5	4	0.26	< 0.5	8	33	427	4.76	< 10	< 1	0.53	< 10

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

ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LTD.
1016 - 510 W. HASTINGS ST.
VANCOUVER, BC
V6B 1L8

Project : GOLDEN REVENUE
Comments:

Page : 2-B
Total : 3
Certificate Date: 06-AUG-2001
Invoice No. : 10121243
P.O. Number :
Account : RCM

CERTIFICATE OF ANALYSIS

A0121243

SAMPLE	PREP CODE	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
M452645	94139402	1.03	185	3	0.04	12	630	< 2	0.03	2	8	17	0.09	< 10	< 10	72	< 10	24
M452646	94139402	0.84	310	1	0.03	17	570	< 2	< 0.01	< 2	6	15	0.05	< 10	< 10	46	< 10	22
M452647	94139402	0.81	255	2	0.03	13	500	2	0.05	2	7	14	0.04	< 10	< 10	45	< 10	22
M452648	94139402	0.77	460	1	0.05	12	570	< 2	0.01	4	9	24	0.05	< 10	< 10	78	< 10	22
M452649	94139402	0.42	255	1	0.04	9	400	2	0.03	< 2	7	25	0.03	< 10	< 10	52	< 10	20
M452650	94139402	0.78	320	2	0.04	14	550	< 2	0.05	2	9	30	0.06	< 10	< 10	64	< 10	22
BB29851	94139402	1.06	300	2	0.06	21	620	2	0.04	4	11	35	0.07	< 10	< 10	93	< 10	20
BB29852	94139402	0.97	535	2	0.03	56	580	< 2	0.07	8	9	39	0.04	< 10	< 10	59	< 10	18
BB29853	94139402	0.89	335	3	0.06	57	640	< 2	0.03	4	9	30	0.05	< 10	< 10	85	< 10	24
BB29854	94139402	0.34	225	5	0.01	38	870	< 2	0.21	16	8	45	0.02	< 10	< 10	102	< 10	20
BB29855	94139402	0.18	155	2	0.01	25	450	2	0.18	26	5	41	0.01	< 10	< 10	45	< 10	16
BB29856	94139402	0.11	45	3	0.02	18	400	< 2	0.01	6	1	12	< 0.01	< 10	< 10	21	< 10	14
BB29857	94139402	0.07	55	2	0.01	19	360	< 2	0.01	2	1	12	< 0.01	< 10	< 10	9	< 10	14
BB29858	94139402	0.05	65	3	0.01	26	750	2	0.04	2	1	22	< 0.01	< 10	< 10	12	< 10	16
BB29859	94139402	2.02	550	11	0.02	20	1760	< 2	0.88	6	24	17	0.27	< 10	< 10	231	< 10	40
BB29860	94139402	2.11	685	6	0.02	16	1750	< 2	0.51	< 2	24	36	0.29	< 10	< 10	179	< 10	42
BB29861	94139402	2.32	810	4	0.03	17	1690	< 2	0.38	< 2	25	44	0.32	< 10	< 10	207	< 10	46
BB29862	94139402	2.13	890	3	0.02	26	1650	< 2	0.20	< 2	23	122	0.29	< 10	< 10	157	< 10	40
BB29872	94139402	1.61	875	3	0.03	36	1750	< 2	0.35	2	21	14	0.23	< 10	< 10	192	< 10	40
BB29873	94139402	1.08	795	3	0.01	24	1970	< 2	0.46	2	24	20	0.12	< 10	< 10	165	< 10	38
BB29874	94139402	0.97	210	4	0.03	10	780	6	0.14	< 2	10	12	0.13	< 10	< 10	72	< 10	30
BB29875	94139402	2.15	345	4	0.05	9	1720	< 2	0.50	4	17	17	0.33	< 10	< 10	211	< 10	34
BB29876	94139402	2.04	295	3	0.04	13	1360	4	0.18	8	24	74	0.30	< 10	< 10	196	< 10	50
BB29877	94139402	0.26	385	4	0.01	32	590	4	0.12	8	14	37	0.01	< 10	< 10	48	< 10	58
BB29878	94139402	0.26	355	5	0.03	25	480	8	0.41	10	16	80	0.01	< 10	< 10	69	< 10	46
BB29879	94139402	1.07	195	3	0.05	19	720	< 2	0.37	6	20	100	0.12	< 10	< 10	124	< 10	42
BB29880	94139402	0.61	210	3	0.05	21	700	< 2	0.41	6	18	109	0.06	< 10	< 10	115	< 10	52
BB29881	94139402	0.43	90	4	0.09	13	450	< 2	0.94	6	14	108	0.04	< 10	< 10	122	< 10	22
BB29882	94139402	0.03	165	3	0.04	13	220	2	0.79	2	1	57	0.01	10	< 10	32	< 10	24
BB29883	94139402	0.48	110	4	0.18	10	460	< 2	0.77	< 2	6	102	0.05	< 10	< 10	55	< 10	38
BB29884	94139402	1.36	155	4	0.09	10	480	< 2	0.31	< 2	17	48	0.15	< 10	< 10	117	< 10	26
BB29885	94139402	1.45	230	7	0.06	9	640	< 2	0.23	4	16	28	0.18	< 10	< 10	145	< 10	40
BB29886	94139402	1.32	415	9	0.04	20	470	< 2	0.07	2	16	27	0.17	< 10	< 10	137	< 10	58
BB29887	94139402	0.43	170	8	0.04	20	560	< 2	0.08	6	11	46	0.06	< 10	< 10	78	10	36
BB29888	94139402	0.19	115	8	0.04	8	480	< 2	0.38	2	4	58	0.03	< 10	< 10	36	140	24
BB29889	94139402	0.59	55	9	0.03	5	580	< 2	0.59	2	12	75	0.09	< 10	< 10	95	< 10	16
BB29890	94139402	1.38	125	45	0.04	5	450	< 2	0.33	4	20	74	0.15	< 10	< 10	120	< 10	24
BB29891	94139402	1.16	170	4	0.04	11	550	2	0.17	6	18	47	0.14	< 10	< 10	96	< 10	46
BB29892	94139402	0.97	255	3	0.03	27	440	< 2	0.18	8	18	65	0.08	< 10	< 10	112	< 10	96
BB29893	94139402	0.82	105	5	0.07	11	360	< 2	0.26	6	13	74	0.09	< 10	< 10	96	70	66

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

ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LTD.
1016 - 510 W. HASTINGS ST.
VANCOUVER, BC
V6B 1L8

Project: GOLDEN REVENUE
Comments:

Page: 3-A
Total: 3
Certificate Date: 06-AUG-2001
Invoice No.: 10121243
P.O. Number:
Account: RCM

CERTIFICATE OF ANALYSIS

A0121243

SAMPLE	PREP CODE	Weight Kg	Au g/t	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm
BB29894	94139402	8.08	0.84	2.6	0.88	812	< 10	90	< 0.5	484	0.16	< 0.5	1	29	229	5.75	< 10	< 1	1.08	10
BB29895	94139402	6.48	0.81	0.8	1.37	134	< 10	80	< 0.5	8	0.16	< 0.5	1	46	307	3.42	< 10	< 1	0.76	10
BB29896	94139402	6.10	0.21	0.8	1.38	238	< 10	90	< 0.5	8	0.13	< 0.5	1	63	415	4.94	10	< 1	0.70	10
BB29897	94139402	8.10	0.66	1.8	0.50	162	< 10	60	< 0.5	8	0.05	< 0.5	< 1	27	229	14.35	30	< 1	1.08	< 10
BB29898	94139402	4.80	0.66	4.0	0.19	70	< 10	60	< 0.5	8	0.02	< 0.5	< 1	63	97	6.59	< 10	< 1	0.59	< 10
BB29899	94139402	7.32	0.45	1.4	0.99	422	< 10	280	0.5	18	0.12	< 0.5	4	39	560	5.29	< 10	< 1	0.25	10
BB29900	94139402	8.82	1.35	1.4	0.98	374	< 10	800	0.5	24	0.08	< 0.5	3	21	367	3.38	< 10	< 1	0.26	< 10
BB29901	94139402	7.96	0.18	0.6	2.55	154	< 10	190	< 0.5	8	0.16	< 0.5	4	36	446	4.05	< 10	< 1	1.24	10
BB29902	94139402	6.34	0.45	1.0	1.71	302	< 10	70	1.5	8	0.15	< 0.5	6	26	645	5.25	< 10	< 1	0.62	< 10
BB29903	94139402	7.40	0.90	1.2	2.36	218	< 10	60	0.5	14	0.23	< 0.5	5	60	628	5.02	10	< 1	0.94	< 10
BB29904	94139402	7.08	0.12	1.2	1.65	108	< 10	90	0.5	16	0.06	< 0.5	3	40	283	3.25	< 10	1	0.80	10

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

Project: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LTD.
1016 - 510 W. HASTINGS ST.
VANCOUVER, BC
V6B 1L8

Project: GOLDEN REVENUE
Comments:

Page: 3-B
Total: 3
Certificate Date: 06-AUG-2001
Invoice No.: I0121243
P.O. Number:
Account: RCM

CERTIFICATE OF ANALYSIS

A0121243

SAMPLE	PREP CODE	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
BB29894	94139402	0.32	30	32	0.07	3	710	16	1.34	18	11	207	0.03	10	< 10	59	< 10	14
BB29895	94139402	0.59	30	4	0.09	3	410	< 2	0.60	8	11	134	0.07	< 10	< 10	56	< 10	18
BB29896	94139402	0.60	35	5	0.09	4	540	2	0.61	8	9	132	0.07	< 10	< 10	58	< 10	16
BB29897	94139402	0.14	15	3	0.27	2	420	< 2	2.05	< 2	< 1	141	0.07	< 10	< 10	62	< 10	< 2
BB29898	94139402	0.01	5	2	0.27	1	360	< 2	1.53	8	< 1	123	0.04	< 10	< 10	19	10	< 2
BB29899	94139402	0.28	45	3	< 0.01	11	710	2	0.05	58	13	30	0.01	< 10	< 10	55	< 10	14
BB29900	94139402	0.19	30	4	< 0.01	11	390	2	0.03	102	10	14	0.01	< 10	< 10	33	< 10	10
BB29901	94139402	1.32	95	5	0.01	7	370	2	0.04	8	25	36	0.12	< 10	< 10	119	< 10	22
BB29902	94139402	0.73	75	6	0.02	13	690	< 2	0.01	8	17	15	0.06	< 10	< 10	70	< 10	30
BB29903	94139402	1.23	80	15	0.01	9	420	< 2	0.01	8	25	14	0.09	< 10	< 10	95	< 10	28
BB29904	94139402	0.78	45	3	0.03	5	280	< 2	0.15	2	13	10	0.06	< 10	< 10	81	< 10	18

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

ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LTD.
1016 - 510 W. HASTINGS ST.
VANCOUVER, BC
V6B 1L8

Project: GOLDEN REVENUE
Comments:

Page: 1-A
Total: 2
Certificate Date: 16-JUL-2001
Invoice No.: I0119770
P.O. Number:
Account: RCM

CERTIFICATE OF ANALYSIS

A0119770

SAMPLE	PREP CODE	Weight Kg	Au g/t	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm
M452405	9400 267	13.50	3.48	< 0.2	1.66	3820	< 10	30	0.5	566	0.19	< 0.5	16	91	148	5.69	10	< 1	0.37	30
M452406	9400 267	13.00	1.14	0.2	2.50	1845	< 10	30	0.5	58	0.21	0.5	22	137	385	8.96	30	< 1	0.59	10
M452407	9400 267	13.10	1.02	0.2	2.33	1445	< 10	60	0.5	28	0.25	2.5	18	129	275	5.77	20	< 1	1.16	10
M452408	9400 267	12.62	0.78	< 0.2	2.35	12	< 10	100	0.5	10	0.63	< 0.5	24	126	181	7.47	10	< 1	1.36	10
M452409	9400 267	11.82	0.36	< 0.2	1.93	354	< 10	60	1.0	8	0.59	0.5	30	71	171	8.55	20	< 1	0.93	10
M452410	9400 267	15.30	0.15	< 0.2	2.52	14	< 10	50	0.5	2	0.58	< 0.5	31	88	146	8.01	20	< 1	1.23	10
M452411	9400 267	9.86	0.48	< 0.2	3.04	1225	< 10	70	1.5	12	0.39	0.5	27	138	150	8.75	20	< 1	1.57	20
M452412	9400 267	10.44	0.30	< 0.2	1.85	1075	< 10	40	1.0	18	0.26	< 0.5	32	94	236	7.67	10	< 1	0.34	< 10
M452413	9400 267	6.46	0.93	< 0.2	2.98	342	< 10	10	1.5	6	0.36	15.0	38	66	1730	8.23	20	< 1	0.20	< 10
M452414	9400 267	3.26	0.36	1.4	1.10	992	< 10	70	< 0.5	78	0.06	< 0.5	5	50	380	3.17	< 10	< 1	0.64	20
M452415	9400 267	9.48	1.05	1.4	0.61	428	< 10	140	< 0.5	22	0.01	< 0.5	1	62	221	3.12	< 10	< 1	0.34	10
M452416	9400 267	8.70	0.60	1.2	0.45	1880	< 10	100	< 0.5	40	0.01	< 0.5	< 1	63	72	1.83	< 10	< 1	0.26	20
M452417	9400 267	5.56	0.36	< 0.2	0.42	3230	< 10	50	< 0.5	6	< 0.01	< 0.5	3	48	359	3.35	< 10	< 1	0.28	10
M452418	9400 267	7.10	0.21	0.8	0.85	178	< 10	120	< 0.5	12	0.01	< 0.5	2	70	455	1.40	< 10	< 1	0.16	10
M452419	9400 267	11.22	0.69	2.6	0.50	684	< 10	50	< 0.5	36	0.01	< 0.5	11	56	1265	1.57	< 10	< 1	0.10	30
M452420	9400 267	11.78	3.06	4.0	0.40	642	< 10	70	< 0.5	86	0.06	0.5	14	64	1120	2.39	< 10	< 1	0.11	10
M452421	9400 267	12.78	0.36	< 0.2	0.22	94	< 10	40	< 0.5	8	0.06	< 0.5	6	63	216	2.46	< 10	< 1	0.12	30
M452422	9400 267	12.64	0.81	0.6	0.38	896	< 10	60	< 0.5	26	0.06	< 0.5	9	68	380	2.66	< 10	< 1	0.13	30
M452423	9400 267	12.00	3.42	8.6	0.30	1775	< 10	10	0.5	68	0.01	< 0.5	31	30	1890	9.00	< 10	< 1	0.21	20
M452424	9400 267	7.66	1.20	2.6	0.24	214	< 10	30	< 0.5	50	0.04	1.0	9	47	658	2.75	< 10	< 1	0.11	30
M452425	9400 267	8.98	0.27	1.0	0.35	204	< 10	50	< 0.5	12	0.04	< 0.5	5	73	324	2.23	< 10	< 1	0.17	10
M452426	9400 267	7.70	0.42	1.0	0.37	268	< 10	40	< 0.5	12	0.04	1.5	4	65	535	1.71	< 10	< 1	0.10	20
M452427	9400 267	10.44	1.20	1.4	0.61	440	< 10	110	< 0.5	18	0.01	< 0.5	1	61	229	3.29	< 10	< 1	0.35	10
M452428	9400 267	12.42	1.11	1.6	0.34	486	< 10	20	< 0.5	56	0.01	< 0.5	6	49	599	3.71	< 10	< 1	0.21	< 10
M452429	9400 267	8.86	1.20	1.0	0.68	1100	< 10	30	0.5	112	0.08	< 0.5	11	43	596	3.02	< 10	< 1	0.33	< 10
M452430	9400 267	8.10	3.21	3.4	0.30	1545	< 10	30	< 0.5	638	0.01	< 0.5	10	34	1020	3.39	< 10	< 1	0.26	< 10
M452431	9400 267	8.12	1.20	3.8	0.63	950	< 10	30	< 0.5	152	0.01	< 0.5	4	54	1420	3.16	< 10	< 1	0.34	< 10
M452432	9400 267	11.72	3.87	3.0	0.73	808	< 10	40	0.5	148	0.10	2.5	25	50	990	4.28	< 10	< 1	0.20	< 10
M452433	9400 267	5.04	2.61	3.6	1.07	5470	< 10	40	1.5	144	0.05	< 0.5	15	66	1435	3.92	< 10	< 1	0.26	< 10
M452434	9400 267	9.46	0.27	< 0.2	0.59	730	< 10	40	0.5	10	0.12	0.5	11	44	95	2.68	< 10	< 1	0.14	30
M452435	9400 267	13.06	0.87	0.6	2.22	546	< 10	30	0.5	22	0.55	< 0.5	26	57	576	7.02	20	< 1	0.66	10
M452436	9400 267	11.68	0.81	0.2	1.48	192	< 10	10	0.5	10	0.34	< 0.5	28	54	489	6.54	10	< 1	0.14	10
M452437	9400 267	12.20	0.09	< 0.2	1.80	8	< 10	70	0.5	< 2	0.16	< 0.5	10	56	104	4.09	10	< 1	0.53	10
M452438	9400 267	12.92	0.18	< 0.2	1.71	72	< 10	30	< 0.5	6	0.17	< 0.5	9	35	172	4.18	10	< 1	0.23	10
M452439	9400 267	12.86	0.33	< 0.2	1.97	544	< 10	30	0.5	14	0.15	< 0.5	11	50	247	4.93	10	< 1	0.27	< 10
M452440	9400 267	0.00	0.24	< 0.2	1.59	56	< 10	10	0.5	4	0.18	< 0.5	24	77	390	7.37	10	< 1	0.26	< 10
M452441	9400 267	11.32	0.33	0.2	2.76	4640	< 10	10	0.5	32	0.29	1.0	35	112	603	8.08	20	< 1	0.38	10
M452442	9400 267	5.68	0.33	0.8	0.37	826	< 10	40	< 0.5	12	0.09	< 0.5	16	39	307	3.46	< 10	< 1	0.13	10
M452443	9400 267	5.58	0.72	2.6	1.24	1165	< 10	10	0.5	20	0.23	< 0.5	59	30	779	8.17	10	< 1	0.22	< 10
M452444	9400 267	8.38	1.50	1.4	0.30	4180	< 10	30	< 0.5	40	0.07	< 0.5	19	31	480	3.92	10	< 1	0.15	10

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

ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LTD.
1016 - 510 W. HASTINGS ST.
VANCOUVER, BC
V6B 1L8

Project : GOLDEN REVENUE
Comments:

Page : 1-B
Total : 2
Certificate Date: 16-JUL-2001
Invoice No. : I0119770
P.O. Number :
Account : RCM

CERTIFICATE OF ANALYSIS

A0119770

SAMPLE	PREP CODE	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
M452405	9400 267	1.32	570	40	0.02	27	450	6	1.06	2	9	6	0.01	< 10	< 10	68	< 10	52
M452406	9400 267	2.24	580	5	0.03	37	530	6	2.88	2	16	4	0.05	< 10	< 10	112	< 10	68
M452407	9400 267	1.93	490	1	0.04	43	570	< 2	0.96	2	15	7	0.09	< 10	< 10	94	< 10	68
M452408	9400 267	2.04	1155	< 1	0.09	46	360	< 2	0.45	2	13	13	0.17	< 10	< 10	93	< 10	144
M452409	9400 267	1.60	1135	< 1	0.06	27	900	2	1.41	< 2	16	10	0.12	< 10	< 10	120	< 10	128
M452410	9400 267	2.14	790	< 1	0.08	38	770	< 2	1.78	4	19	11	0.18	< 10	< 10	146	< 10	92
M452411	9400 267	2.65	1000	< 1	0.01	47	500	2	1.42	2	19	3	0.11	< 10	< 10	129	< 10	122
M452412	9400 267	1.53	725	< 1	0.03	32	360	2	2.30	2	11	4	0.02	< 10	< 10	79	< 10	90
M452413	9400 267	2.07	740	< 1	< 0.01	46	640	6	3.28	2	23	5	< 0.01	< 10	< 10	152	10	78
M452414	9400 267	0.10	35	< 1	0.04	7	530	20	1.41	6	13	49	< 0.01	< 10	< 10	45	< 10	6
M452415	9400 267	0.01	15	15	0.01	3	180	2	0.64	12	1	11	< 0.01	< 10	< 10	6	< 10	10
M452416	9400 267	0.01	10	1	< 0.01	1	110	4	0.30	20	4	14	< 0.01	< 10	< 10	5	< 10	2
M452417	9400 267	< 0.01	5	< 1	0.01	1	60	6	1.69	26	3	10	< 0.01	< 10	< 10	3	< 10	< 2
M452418	9400 267	< 0.01	10	1	0.03	5	100	2	0.69	8	2	13	< 0.01	< 10	< 10	2	< 10	14
M452419	9400 267	0.01	10	< 1	0.01	3	80	6	1.15	14	3	5	< 0.01	< 10	< 10	1	< 10	16
M452420	9400 267	0.13	175	2	0.04	3	60	4	0.94	10	1	5	< 0.01	< 10	< 10	1	< 10	24
M452421	9400 267	0.08	190	< 1	0.04	2	70	2	0.92	< 2	1	4	< 0.01	< 10	< 10	2	< 10	18
M452422	9400 267	0.10	165	< 1	0.06	3	90	4	1.28	6	2	12	< 0.01	< 10	< 10	1	< 10	18
M452423	9400 267	0.02	30	1	< 0.01	3	130	20	8.80	20	1	3	< 0.01	< 10	< 10	3	20	34
M452424	9400 267	0.06	75	6	0.01	3	90	8	1.91	14	1	6	< 0.01	< 10	< 10	2	< 10	18
M452425	9400 267	0.06	75	4	0.05	3	60	2	1.26	2	1	6	< 0.01	< 10	< 10	< 1	< 10	12
M452426	9400 267	0.03	30	4	0.01	3	70	2	1.08	10	1	7	< 0.01	< 10	< 10	< 1	< 10	14
M452427	9400 267	0.01	15	15	0.01	3	190	6	0.66	12	1	11	< 0.01	< 10	< 10	6	< 10	10
M452428	9400 267	0.03	15	1	< 0.01	4	100	12	3.91	32	< 1	8	< 0.01	< 10	< 10	1	10	12
M452429	9400 267	0.04	45	2	< 0.01	8	630	8	2.72	10	< 1	14	< 0.01	< 10	< 10	3	< 10	20
M452430	9400 267	0.01	5	1	0.01	3	290	20	3.39	54	< 1	39	< 0.01	< 10	< 10	1	< 10	10
M452431	9400 267	0.02	5	2	< 0.01	4	250	10	3.36	124	< 1	23	< 0.01	< 10	< 10	3	< 10	18
M452432	9400 267	0.24	145	1	< 0.01	17	600	6	1.94	106	6	9	< 0.01	< 10	< 10	27	< 10	34
M452433	9400 267	0.03	40	3	0.01	19	470	8	1.87	70	3	23	< 0.01	< 10	< 10	20	< 10	60
M452434	9400 267	0.30	260	2	< 0.01	9	290	4	0.64	6	2	5	< 0.01	< 10	< 10	15	< 10	32
M452435	9400 267	1.77	225	< 1	0.03	19	2090	4	3.28	8	16	13	0.05	< 10	< 10	137	< 10	32
M452436	9400 267	1.26	210	< 1	0.01	17	1340	6	3.42	6	9	7	< 0.01	< 10	< 10	79	< 10	42
M452437	9400 267	1.38	270	1	0.04	10	340	2	0.95	2	10	6	0.05	< 10	< 10	60	< 10	26
M452438	9400 267	1.48	255	< 1	0.04	7	370	< 2	1.15	2	9	5	0.01	< 10	< 10	61	< 10	24
M452439	9400 267	1.56	195	1	0.05	8	470	2	1.75	2	11	5	0.01	< 10	< 10	80	< 10	22
M452440	9400 267	1.36	230	1	< 0.01	23	490	8	3.62	4	10	2	0.01	< 10	< 10	80	< 10	28
M452441	9400 267	2.29	440	< 1	0.01	34	790	8	3.36	6	19	5	0.03	< 10	< 10	153	10	56
M452442	9400 267	0.24	210	< 1	0.01	17	190	8	1.58	4	1	7	< 0.01	< 10	< 10	7	< 10	46
M452443	9400 267	1.50	370	< 1	0.03	74	660	6	4.00	10	8	8	< 0.01	< 10	< 10	60	10	254
M452444	9400 267	0.20	250	1	< 0.01	4	110	8	1.84	10	< 1	7	< 0.01	< 10	< 10	2	< 10	18

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

to: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LTD.
1016 - 510 W. HASTINGS ST.
VANCOUVER, BC
V6B 1L8

Project : GOLDEN REVENUE
Comments:

Page : 2-A
Total : 2
Certificate Date: 16-JUL-2001
Invoice No. : I0119770
P.O. Number :
Account : RCM

CERTIFICATE OF ANALYSIS

A0119770

SAMPLE	PREP CODE	Weight Kg	Au g/t	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm
M452445	9400 267	7.08	0.93	1.4	0.29	740	< 10	30	0.5	40	0.11	0.5	16	35	557	4.43	< 10	< 1	0.13	20
M452446	9400 267	9.46	0.45	7.8	0.82	794	< 10	10	0.5	78	0.26	3.0	44	44	2010	9.54	10	< 1	0.29	< 10
M452447	9400 267	2.70	0.33	0.8	0.55	8870	< 10	10	0.5	334	0.07	3.0	59	47	599	7.53	< 10	< 1	0.22	< 10
M452448	9400 267	9.00	0.06	< 0.2	0.46	48	< 10	30	0.5	42	0.13	< 0.5	14	56	242	4.80	< 10	< 1	0.31	10
M452449	9400 267	11.82	< 0.03	< 0.2	0.26	22	< 10	40	< 0.5	< 2	0.05	< 0.5	4	46	89	1.91	< 10	< 1	0.13	< 10
M452450	9400 267	10.36	0.36	< 0.2	0.44	20	< 10	40	< 0.5	< 2	0.04	< 0.5	4	57	63	1.64	< 10	< 1	0.14	10
M452451	9400 267	12.04	< 0.03	< 0.2	0.30	18	< 10	60	< 0.5	< 2	0.06	< 0.5	5	49	58	1.99	< 10	< 1	0.13	10
M452452	9400 267	8.48	< 0.03	< 0.2	0.45	32	< 10	110	0.5	2	0.57	< 0.5	7	54	81	2.37	< 10	< 1	0.20	50
M452453	9400 267	5.44	0.30	< 0.2	0.50	94	< 10	10	1.0	18	0.59	< 0.5	31	27	490	10.45	< 10	< 1	0.09	10
M452454	9400 267	6.44	0.15	< 0.2	0.56	126	< 10	40	0.5	24	0.72	< 0.5	10	39	165	3.60	< 10	< 1	0.21	60
M452455	9400 267	6.00	0.36	< 0.2	1.50	60	< 10	40	0.5	38	1.35	< 0.5	16	56	207	5.58	10	< 1	0.47	10

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

ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LTD.
1016 - 510 W. HASTINGS ST.
VANCOUVER, BC
V6B 1L8

Project : GOLDEN REVENUE
Comments:

Page : 2-B
Total : 2
Certificate Date: 16-JUL-2001
Invoice No. : I0119770
P.O. Number :
Account : RCM

CERTIFICATE OF ANALYSIS

A0119770

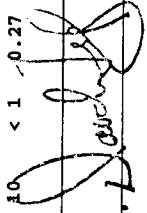
SAMPLE	PREP CODE	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
M452445	9400 267	0.25	320	< 1	< 0.01	6	180	6	1.97	10	< 1	9	< 0.01	< 10	< 10	4	< 10	24
M452446	9400 267	0.61	730	< 1	< 0.01	29	870	12	5.08	24	7	12	< 0.01	< 10	< 10	48	10	102
M452447	9400 267	0.28	270	1	< 0.01	23	200	24	5.31	32	1	13	< 0.01	< 10	< 10	10	10	88
M452448	9400 267	0.48	230	1	< 0.01	8	360	8	2.29	8	2	11	< 0.01	< 10	< 10	12	< 10	18
M452449	9400 267	0.08	155	2	0.01	2	40	6	0.70	6	< 1	5	< 0.01	< 10	< 10	< 1	< 10	12
M452450	9400 267	0.04	155	3	0.01	2	50	8	0.74	6	< 1	4	< 0.01	< 10	< 10	< 1	< 10	12
M452451	9400 267	0.05	215	2	0.01	2	70	8	0.60	8	< 1	3	< 0.01	< 10	< 10	1	< 10	14
M452452	9400 267	0.19	200	1	0.06	5	200	6	0.85	< 2	1	21	< 0.01	< 10	< 10	3	< 10	32
M452453	9400 267	0.49	380	6	< 0.01	20	540	12	5.88	16	6	15	< 0.01	< 10	< 10	15	10	22
M452454	9400 267	0.21	130	1	0.08	6	220	8	2.02	2	1	28	< 0.01	< 10	< 10	4	< 10	10
M452455	9400 267	1.29	235	3	0.05	13	470	6	2.57	16	16	46	0.02	< 10	< 10	86	< 10	22

CERTIFICATION:

+

CERTIFICATE OF ANALYSIS A0119738

SAMPLE	PREP CODE	Weight Kg	Au g/t	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm
M452456	9400 267	7.02	0.06	< 0.2	0.51	16	< 10	80	< 0.5	2	0.04	< 0.5	< 1	88	46	0.58	< 10	< 1	0.22	10
M452457	9400 267	7.58	0.09	< 0.2	0.27	120	< 10	30	< 0.5	2	0.03	< 0.5	< 1	49	114	1.37	< 10	< 1	0.11	10
M452458	9400 267	10.72	0.06	0.2	0.36	46	< 10	70	< 0.5	4	0.02	< 0.5	< 1	80	68	0.82	< 10	< 1	0.23	10
M452459	9400 267	10.60	0.06	< 0.2	0.22	28	< 10	50	< 0.5	< 2	0.01	< 0.5	< 1	61	29	0.52	< 10	< 1	0.15	10
M452460	9400 267	8.68	0.18	0.4	0.52	48	< 10	100	< 0.5	6	0.03	< 0.5	< 1	71	53	0.75	< 10	< 1	0.31	10
M452461	9400 267	10.60	0.33	0.8	0.45	170	< 10	70	< 0.5	16	0.03	< 0.5	3	46	128	1.70	< 10	< 1	0.18	10
M452462	9400 267	7.00	0.24	0.2	0.48	86	< 10	70	< 0.5	6	0.04	< 0.5	1	74	134	1.17	< 10	< 1	0.20	10
M452463	9400 267	3.10	1.11	1.0	3.61	30	< 10	110	< 0.5	30	0.13	< 0.5	1	77	548	5.20	< 10	< 1	1.49	10
M452464	9400 267	1.52	0.12	0.6	0.64	26	< 10	140	< 0.5	6	0.03	< 0.5	1	57	229	2.57	< 10	< 1	0.30	20
M452465	9400 267	10.02	0.12	0.4	1.40	8	< 10	60	< 0.5	2	0.09	< 0.5	16	46	756	2.94	< 10	< 1	0.36	10
M452466	9400 267	15.18	0.15	< 0.2	2.15	32	< 10	50	< 0.5	2	0.12	< 0.5	11	94	898	3.02	< 10	< 1	0.75	40
M452467	9400 267	13.90	0.03	< 0.2	1.34	24	< 10	30	< 0.5	< 2	0.12	< 0.5	15	51	566	2.63	< 10	< 1	0.39	40
M452468	9400 267	12.60	0.06	< 0.2	1.70	28	< 10	80	< 0.5	2	0.17	< 0.5	24	59	779	3.24	< 10	< 1	0.53	40
M452469	9400 267	12.82	0.12	< 0.2	1.06	50	< 10	40	< 0.5	8	0.07	< 0.5	11	48	608	1.92	< 10	< 1	0.29	40
M452470	9400 267	12.20	0.18	0.8	1.98	188	< 10	100	< 0.5	10	0.06	< 0.5	5	67	772	2.83	< 10	< 1	0.61	30
M452471	9400 267	11.96	0.30	1.6	1.35	26	< 10	70	< 0.5	8	0.06	< 0.5	5	60	1060	2.46	< 10	< 1	0.42	30
M452472	9400 267	12.00	0.12	0.2	1.61	26	< 10	80	< 0.5	2	0.04	< 0.5	5	83	1150	2.19	< 10	< 1	0.57	20
M452473	9400 267	9.00	0.24	0.4	0.95	32	< 10	70	< 0.5	10	0.01	< 0.5	1	64	437	2.17	< 10	< 1	0.18	10
M452474	9400 267	9.44	0.09	0.2	0.64	32	< 10	70	< 0.5	6	0.01	< 0.5	1	96	316	2.22	< 10	< 1	0.21	10
M452475	9400 267	10.30	0.24	1.0	0.99	70	< 10	110	< 0.5	26	0.01	< 0.5	1	78	335	3.34	< 10	< 1	0.56	20
M452476	9400 267	10.52	0.93	1.4	0.81	940	< 10	170	< 0.5	18	< 0.01	< 0.5	1	60	385	3.10	< 10	< 1	0.30	10
M452477	9400 267	9.52	0.15	0.2	0.55	76	< 10	100	< 0.5	14	0.01	< 0.5	1	62	317	2.64	< 10	< 1	0.13	10
M452478	9400 267	12.06	0.09	0.2	0.56	214	< 10	200	< 0.5	28	0.01	< 0.5	1	88	164	1.85	< 10	< 1	0.19	10
M452479	9400 267	12.24	0.06	0.2	0.92	66	< 10	90	< 0.5	12	0.01	< 0.5	1	60	172	1.87	< 10	< 1	0.29	10
M452480	9400 267	7.30	0.06	0.2	0.98	46	< 10	80	< 0.5	6	0.01	< 0.5	1	94	141	1.58	< 10	< 1	0.40	20
M452481	9400 267	7.54	0.69	< 0.2	1.79	296	< 10	70	< 0.5	38	0.09	< 0.5	7	101	746	2.78	< 10	< 1	0.73	10
M452482	9400 267	11.86	5.07	0.6	1.25	176	< 10	60	< 0.5	174	0.09	< 0.5	13	74	1105	3.24	< 10	< 1	0.36	20
M452483	9400 267	10.80	0.18	0.2	0.85	106	< 10	60	< 0.5	8	0.10	< 0.5	16	55	813	2.80	< 10	< 1	0.15	10
M452484	9400 267	13.54	0.12	0.6	0.98	332	< 10	110	< 0.5	8	0.05	< 0.5	11	84	632	3.41	< 10	< 1	0.32	20
M452485	9400 267	12.50	0.36	< 0.2	0.64	426	< 10	40	< 0.5	10	0.12	< 0.5	27	55	405	3.19	< 10	< 1	0.20	20
M452486	9400 267	12.82	0.36	1.2	1.72	390	< 10	40	< 0.5	30	0.06	< 0.5	16	221	3740	4.74	< 10	< 1	0.61	10
M452487	9400 267	13.06	0.36	< 0.2	0.81	82	< 10	40	< 0.5	2	0.03	< 0.5	7	54	1310	2.29	< 10	< 1	0.14	20
M452488	9400 267	9.70	0.63	< 0.2	1.38	70	< 10	120	< 0.5	10	0.06	< 0.5	6	68	1010	2.76	< 10	< 1	0.51	10
M452489	9400 267	9.06	0.09	< 0.2	0.99	54	< 10	50	< 0.5	< 2	0.05	< 0.5	5	63	724	2.19	< 10	< 1	0.23	10
M452490	9400 267	8.34	0.06	< 0.2	1.11	92	< 10	50	< 0.5	14	0.05	< 0.5	7	73	1150	1.80	< 10	< 1	0.30	10
M452491	9400 267	8.02	0.42	0.4	0.83	84	< 10	40	< 0.5	56	0.05	< 0.5	7	45	1305	2.04	< 10	< 1	0.26	20
M452492	9400 267	6.12	0.66	0.6	0.73	470	< 10	110	< 0.5	36	< 0.01	< 0.5	2	39	435	4.94	< 10	< 1	0.25	10
M452493	9400 267	3.26	0.12	0.6	0.57	466	< 10	100	< 0.5	8	< 0.01	< 0.5	1	28	381	7.07	< 10	< 1	0.61	< 10
M452494	9400 267	8.12	0.09	< 0.2	0.85	138	< 10	90	< 0.5	8	< 0.01	< 0.5	4	50	411	10.15	< 10	< 1	0.50	< 10
M452495	9400 267	7.18	0.06	0.4	0.75	118	< 10	90	< 0.5	6	< 0.01	< 0.5	< 1	55	319	4.71	< 10	< 1	0.27	10

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

ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LTD.
1016 - 510 W. HASTINGS ST.
VANCOUVER, BC
V6B 1L8

Project : GOLDEN REVENUE
Comments :

Page : 1-B
Total : 3
Certificate Date: 16-JUL-2001
Invoice No. : I0119738
P.O. Number :
Account : RCM

CERTIFICATE OF ANALYSIS

A0119738

SAMPLE	PREP CODE		Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
M452456	9400	267	0.01	10	2	0.05	2	40	2	0.08	< 2	< 1	6 < 0.01	< 10	< 10	< 1	< 10		2
M452457	9400	267	0.01	10	3	0.03	1	60	2	0.04	4	< 1	4 < 0.01	< 10	< 10	< 1	< 10		8
M452458	9400	267	< 0.01	15	2	0.07	1	60	4	0.11	2	< 1	6 < 0.01	< 10	< 10	< 1	< 10		6
M452459	9400	267	< 0.01	10	2	0.05	1	40	4	0.08	2	< 1	4 < 0.01	< 10	< 10	< 1	< 10		2
M452460	9400	267	0.01	5	1	0.05	1	120	2	0.15	2	< 1	10 < 0.01	< 10	< 10	4	< 10		2
M452461	9400	267	0.01	25	3	0.03	5	200	2	0.13	24	1	9 < 0.01	< 10	< 10	5	< 10		102
M452462	9400	267	0.08	25	18	0.05	3	120	2	0.13	6	1	8 0.01	< 10	< 10	13	< 10		14
M452463	9400	267	1.70	105	1	0.06	3	400	< 2	0.32	4	19	55 0.17	< 10	< 10	159	< 10		30
M452464	9400	267	0.17	25	2	0.08	2	270	2	0.28	< 2	3	13 < 0.01	< 10	< 10	21	< 10		16
M452465	9400	267	0.64	60	1	0.05	7	290	< 2	0.74	2	9	12 0.07	< 10	< 10	58	< 10		22
M452466	9400	267	1.05	85	1	0.06	12	510	2	0.39	4	9	24 0.12	10	< 10	63	< 10		54
M452467	9400	267	0.74	85	< 1	0.04	11	440	2	0.58	2	5	10 0.06	10	< 10	42	< 10		50
M452468	9400	267	0.76	180	3	0.07	11	420	2	0.56	2	6	15 0.10	10	< 10	42	< 10		46
M452469	9400	267	0.43	60	2	0.04	5	300	< 2	0.37	4	3	9 0.04	10	< 10	25	< 10		22
M452470	9400	267	0.64	85	5	0.06	6	330	< 2	0.27	8	5	20 0.08	10	< 10	36	< 10		26
M452471	9400	267	0.42	90	3	0.05	5	380	< 2	0.37	2	4	18 0.06	10	< 10	29	< 10		16
M452472	9400	267	0.58	105	1	0.07	6	250	2	0.40	2	6	15 0.08	< 10	< 10	34	< 10		12
M452473	9400	267	0.16	30	1	0.05	3	250	8	0.20	2	4	9 < 0.01	< 10	< 10	10	< 10		8
M452474	9400	267	0.06	25	1	0.09	4	150	8	0.24	2	3	9 < 0.01	< 10	< 10	6	< 10		18
M452475	9400	267	0.32	35	1	0.07	3	470	8	0.48	6	8	17 0.05	< 10	< 10	36	< 10		30
M452476	9400	267	0.03	10	9	0.03	2	370	198	0.33	28	5	11 < 0.01	< 10	< 10	11	< 10		22
M452477	9400	267	0.09	20	1	0.03	2	160	6	0.13	8	4	6 < 0.01	< 10	< 10	6	< 10		20
M452478	9400	267	0.07	15	3	0.06	2	70	6	0.18	8	3	7 < 0.01	< 10	< 10	4	< 10		12
M452479	9400	267	0.35	35	1	0.03	1	230	4	0.16	8	4	10 0.01	< 10	< 10	20	< 10		18
M452480	9400	267	0.29	30	4	0.03	3	150	4	0.10	4	2	7 0.01	< 10	< 10	16	< 10		18
M452481	9400	267	0.98	100	1	0.03	15	400	2	0.58	8	9	7 0.08	< 10	< 10	35	< 10		40
M452482	9400	267	0.67	115	1	0.05	14	390	14	1.11	8	9	7 0.03	10	< 10	17	< 10		56
M452483	9400	267	0.40	70	< 1	0.04	11	440	2	1.42	4	6	7 < 0.01	< 10	< 10	14	< 10		42
M452484	9400	267	0.30	95	1	0.08	11	360	4	0.67	8	7	17 0.01	< 10	< 10	14	< 10		78
M452485	9400	267	0.38	180	1	0.04	17	360	8	1.32	2	8	6 0.01	10	< 10	13	< 10		114
M452486	9400	267	0.86	165	1	0.03	59	440	36	1.69	12	9	10 0.04	< 10	< 10	24	< 10		124
M452487	9400	267	0.36	75	1	0.03	7	190	8	1.04	2	6	6 < 0.01	10	< 10	3	< 10		26
M452488	9400	267	0.57	95	1	0.06	3	260	6	0.81	2	10	8 0.06	< 10	< 10	3	< 10		14
M452489	9400	267	0.46	75	1	0.04	4	180	2	0.83	< 2	8	4 0.02	< 10	< 10	4	< 10		12
M452490	9400	267	0.42	95	1	0.05	6	170	30	0.81	4	6	6 0.02	< 10	< 10	6	< 10		22
M452491	9400	267	0.28	65	1	0.03	6	220	18	0.89	4	6	10 0.01	< 10	< 10	6	< 10		22
M452492	9400	267	0.02	35	1	< 0.01	4	340	40	0.30	16	4	11 < 0.01	< 10	< 10	18	< 10		26
M452493	9400	267	0.01	25	< 1	0.03	1	410	32	1.01	16	7	18 < 0.01	< 10	< 10	32	< 10		58
M452494	9400	267	0.02	60	< 1	0.03	6	750	8	0.89	14	12	17 < 0.01	< 10	< 10	49	< 10		68
M452495	9400	267	0.08	15	< 1	< 0.01	5	780	16	0.43	14	17	17 < 0.01	< 10	< 10	52	< 10		12

CERTIFICATION:

CERTIFICATE OF ANALYSIS A0119738

SAMPLE	PREP CODE	Weight Kg	Au g/t	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm
M452496	9400 267	8.56	0.09	0.2	0.51	124	< 10	90	< 0.5	10	< 0.01	< 0.5	1	48	252	3.08	< 10	< 1	0.20	10
M452497	9400 267	9.28	0.06	0.6	0.89	158	< 10	150	0.5	32	0.02	< 0.5	3	69	205	3.22	< 10	< 1	0.38	30
M452498	9400 267	8.72	0.42	2.4	0.60	230	< 10	80	0.5	142	0.03	< 0.5	1	48	438	2.17	< 10	< 1	0.29	30
M452499	9400 267	7.78	0.15	< 0.2	0.95	266	< 10	80	0.5	16	0.03	< 0.5	1	64	227	1.42	< 10	< 1	0.22	30
M452500	9400 267	6.58	0.24	< 0.2	1.62	18	< 10	50	0.5	6	0.15	< 0.5	8	65	1990	4.62	< 10	< 1	0.72	30
M452551	9400 267	7.48	0.36	0.2	0.99	42	< 10	90	< 0.5	12	0.04	< 0.5	3	92	848	1.64	< 10	< 1	0.34	10
M452552	9400 267	12.70	0.06	< 0.2	1.25	36	< 10	50	0.5	2	0.21	0.5	20	51	253	3.45	< 10	< 1	0.78	20
M452553	9400 267	12.68	0.12	< 0.2	1.12	12	< 10	70	0.5	< 2	0.59	< 0.5	13	52	179	4.12	< 10	< 1	1.21	10
M452554	9400 267	6.48	0.27	< 0.2	2.55	228	< 10	160	0.5	6	0.24	< 0.5	18	41	226	5.14	< 10	< 1	1.65	10
M452555	9400 267	6.56	0.48	1.0	1.45	38	< 10	20	0.5	12	0.25	< 0.5	18	65	324	3.94	< 10	< 1	0.33	10
M452556	9400 267	7.48	0.45	0.2	1.10	1290	< 10	10	1.0	58	0.31	0.5	58	123	1430	8.28	< 10	< 1	0.28	10
M452557	9400 267	8.66	0.21	0.2	1.12	188	< 10	10	0.5	44	0.27	< 0.5	26	88	815	4.86	< 10	< 1	0.26	10
M452558	9400 267	5.64	< 0.03	< 0.2	1.32	60	< 10	20	< 0.5	< 2	0.08	< 0.5	6	46	154	1.06	< 10	< 1	0.09	10
M452559	9400 267	9.50	0.12	< 0.2	1.40	34	< 10	50	0.5	16	0.95	< 0.5	16	78	351	4.73	< 10	< 1	0.40	20
M452560	9400 267	9.06	0.06	< 0.2	1.33	50	< 10	20	< 0.5	< 2	1.06	< 0.5	15	64	211	4.29	< 10	< 1	0.49	< 10
M452561	9400 267	12.46	0.12	< 0.2	2.02	560	< 10	30	0.5	6	1.00	< 0.5	26	121	603	7.21	< 10	< 1	1.06	10
M452562	9400 267	13.40	0.33	< 0.2	2.00	86	< 10	30	0.5	18	1.19	< 0.5	18	78	432	4.65	< 10	< 1	0.82	10
M452563	9400 267	9.96	0.21	< 0.2	2.28	216	< 10	30	1.0	6	0.87	< 0.5	21	88	340	5.80	< 10	< 1	1.00	20
M452564	9400 267	12.56	0.33	< 0.2	2.00	46	< 10	40	0.5	4	0.89	< 0.5	15	58	222	4.86	< 10	< 1	0.94	10
M452565	9400 267	14.22	0.30	< 0.2	1.96	22	< 10	30	< 0.5	8	0.84	< 0.5	17	49	492	5.33	< 10	< 1	0.77	< 10
M452566	9400 267	13.50	0.27	< 0.2	2.38	78	< 10	60	0.5	22	0.57	< 0.5	14	35	548	5.54	< 10	< 1	1.37	< 10
M452567	9400 267	12.92	0.15	< 0.2	1.62	92	< 10	30	< 0.5	6	0.76	< 0.5	8	66	293	3.26	< 10	< 1	0.69	10
M452568	9400 267	15.22	0.45	< 0.2	2.65	22	< 10	70	< 0.5	62	0.64	< 0.5	17	78	247	5.77	< 10	< 1	1.73	10
M452569	9400 267	9.76	0.15	< 0.2	2.54	10	< 10	50	< 0.5	40	0.93	< 0.5	18	124	550	5.68	< 10	< 1	1.38	< 10
M452570	9400 267	9.34	< 0.03	< 0.2	1.66	32	< 10	90	0.5	< 2	0.59	< 0.5	11	78	117	4.45	< 10	< 1	0.89	10
M452571	9400 267	14.40	0.09	< 0.2	1.34	38	< 10	50	0.5	< 2	0.36	< 0.5	15	77	267	4.78	< 10	< 1	0.63	40
M452572	9400 267	12.32	0.18	< 0.2	1.16	92	< 10	60	0.5	< 2	0.29	< 0.5	13	44	211	5.73	< 10	< 1	0.47	100
M452573	9400 267	11.58	0.09	1.4	1.66	242	< 10	60	0.5	124	0.35	2.0	16	49	828	6.57	< 10	< 1	0.82	130
M452574	9400 267	12.34	0.24	< 0.2	1.90	26	< 10	30	0.5	2	0.24	< 0.5	22	47	393	7.59	< 10	< 1	0.61	< 10
M452575	9400 267	10.88	< 0.03	< 0.2	2.73	94	< 10	70	0.5	2	0.43	3.5	15	51	150	5.90	< 10	< 1	1.46	< 10
M452576	9400 267	11.22	0.03	< 0.2	2.84	224	< 10	50	0.5	2	0.36	< 0.5	17	75	82	7.03	< 10	< 1	1.86	< 10
M452577	9400 267	10.90	0.06	< 0.2	2.54	96	< 10	50	0.5	< 2	0.31	< 0.5	19	54	195	7.44	< 10	< 1	1.58	< 10
M452578	9400 267	3.40	0.45	< 0.2	1.47	38	< 10	30	0.5	20	0.15	< 0.5	51	46	1190	10.30	< 10	< 1	0.40	< 10
M452579	9400 267	5.52	2.52	0.2	0.97	338	< 10	20	0.5	224	0.41	1.5	14	53	1560	4.74	< 10	< 1	0.51	10
M452580	9400 267	8.56	2.19	0.2	1.60	36	< 10	60	0.5	108	0.58	< 0.5	8	86	496	2.78	< 10	< 1	0.64	30
M452581	9400 267	3.64	0.09	1.4	0.44	1460	< 10	10	0.5	42	0.89	< 0.5	24	36	1440	6.27	< 10	< 1	0.16	10
M452582	9400 267	4.22	0.03	0.6	0.81	936	< 10	30	0.5	108	0.84	4.0	13	21	280	3.65	< 10	< 1	0.22	10
M452583	9400 267	8.56	0.09	0.2	0.57	2510	< 10	10	0.5	28	0.70	< 0.5	19	28	686	5.99	< 10	< 1	0.11	50
M452584	9400 267	8.74	< 0.03	< 0.2	1.07	140	< 10	30	0.5	6	1.28	< 0.5	6	78	191	2.69	< 10	< 1	0.34	10
M452585	9400 267	8.24	0.03	< 0.2	0.83	164	< 10	20	0.5	< 2	1.25	< 0.5	7	65	173	2.89	< 10	< 1	0.26	10

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

ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LTD.
1016 - 510 W. HASTINGS ST.
VANCOUVER, BC
V6B 1L8

Project : GOLDEN REVENUE
Comments:

Page : 2-B
Total : 3
Certificate Date: 16-JUL-2001
Invoice No. : I0119738
P.O. Number :
Account : RCM

CERTIFICATE OF ANALYSIS

A0119738

SAMPLE	PREP CODE	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
M452496	9400 267	0.03	20	1 < 0.01	4	360	16	0.23	14	6	7 < 0.01	< 10	< 10	22	< 10	20		
M452497	9400 267	0.07	45	3 < 0.01	5	520	20	0.36	10	8	14 < 0.01	< 10	< 10	36	< 10	24		
M452498	9400 267	0.04	20	1 < 0.01	6	540	148	0.38	12	7	27 < 0.01	< 10	< 10	27	< 10	26		
M452499	9400 267	0.07	20	1 < 0.01	9	290	12	0.14	6	4	14 < 0.01	< 10	< 10	13	< 10	14		
M452500	9400 267	0.98	95	1 < 0.03	13	770	12	1.03	4	14	12	0.06	< 10	< 10	73	< 10	40	
M452551	9400 267	0.26	35	1 < 0.01	7	180	20	0.33	6	3	4	0.01	< 10	< 10	13	< 10	22	
M452552	9400 267	0.93	450	2 < 0.01	21	520	26	0.47	< 2	9	4	0.07	< 10	< 10	40	< 10	92	
M452553	9400 267	1.66	270	1 < 0.06	12	680	6	0.80	< 2	14	18	0.14	< 10	< 10	88	< 10	32	
M452554	9400 267	2.18	340	1 < 0.05	9	440	2	0.87	2	19	8	0.18	< 10	< 10	122	< 10	44	
M452555	9400 267	0.83	250	1 < 0.01	12	490	8	1.32	2	12	6	0.03	< 10	< 10	59	< 10	40	
M452556	9400 267	0.53	845	1 < 0.01	42	720	18	3.60	40	18	5	0.02	< 10	< 10	61	10	152	
M452557	9400 267	0.52	260	1 < 0.01	19	420	12	2.01	8	10	6	0.01	< 10	< 10	41	< 10	48	
M452558	9400 267	0.09	110	< 1 < 0.01	4	60	8	0.34	4	< 1	4	< 0.01	< 10	< 10	2	< 10	16	
M452559	9400 267	1.01	255	1 < 0.07	11	940	8	1.93	2	11	26	0.06	< 10	< 10	67	< 10	24	
M452560	9400 267	1.17	245	< 1 < 0.08	17	650	6	1.57	< 2	10	20	0.13	< 10	< 10	79	< 10	22	
M452561	9400 267	1.93	225	< 1 < 0.06	34	640	6	3.17	10	18	26	0.13	< 10	< 10	117	10	22	
M452562	9400 267	1.45	230	1 < 0.09	25	410	6	1.58	2	11	33	0.10	< 10	< 10	86	< 10	26	
M452563	9400 267	1.76	245	2 < 0.02	31	500	6	2.08	12	17	27	0.10	< 10	< 10	113	< 10	22	
M452564	9400 267	1.74	200	< 1 < 0.03	11	500	2	1.54	4	15	21	0.11	< 10	< 10	112	< 10	16	
M452565	9400 267	1.71	205	< 1 < 0.06	6	550	2	1.90	< 2	16	20	0.10	< 10	< 10	128	< 10	20	
M452566	9400 267	2.12	240	< 1 < 0.04	6	590	24	1.77	2	19	15	0.16	< 10	< 10	141	< 10	42	
M452567	9400 267	1.29	130	< 1 < 0.07	7	320	2	1.00	6	10	20	0.08	< 10	< 10	77	< 10	16	
M452568	9400 267	2.46	265	< 1 < 0.05	20	520	2	1.70	2	16	16	0.19	< 10	< 10	135	< 10	24	
M452569	9400 267	2.22	325	1 < 0.10	28	630	8	1.69	< 2	16	23	0.20	< 10	< 10	124	< 10	50	
M452570	9400 267	1.43	255	< 1 < 0.07	22	410	2	0.88	2	10	18	0.13	< 10	< 10	76	< 10	28	
M452571	9400 267	1.06	110	1 < 0.07	11	420	4	1.94	< 2	10	10	0.06	< 10	< 10	74	< 10	10	
M452572	9400 267	0.99	185	1 < 0.04	7	540	4	1.77	4	7	13	0.04	< 10	< 10	54	< 10	10	
M452573	9400 267	1.33	195	< 1 < 0.07	11	890	106	2.50	12	10	17	0.09	< 10	< 10	84	< 10	212	
M452574	9400 267	1.76	265	< 1 < 0.04	11	480	6	3.01	2	19	8	0.06	< 10	< 10	144	< 10	20	
M452575	9400 267	2.23	585	1 < 0.08	9	430	192	1.28	2	19	21	0.13	< 10	< 10	150	< 10	420	
M452576	9400 267	2.27	290	< 1 < 0.09	11	500	< 2	0.85	4	17	19	0.18	< 10	< 10	160	< 10	28	
M452577	9400 267	1.97	245	< 1 < 0.07	10	460	< 2	1.81	2	18	15	0.18	< 10	< 10	149	< 10	24	
M452578	9400 267	1.02	145	< 1 < 0.02	16	370	14	7.05	2	8	5	0.04	< 10	< 10	64	10	14	
M452579	9400 267	0.71	190	1 < 0.02	9	470	42	1.98	8	8	11	0.05	< 10	< 10	66	< 10	210	
M452580	9400 267	0.89	160	4 < 0.05	23	740	38	0.90	4	10	21	0.06	< 10	< 10	96	< 10	26	
M452581	9400 267	0.34	440	6 < 0.01	21	590	26	4.30	50	6	21	< 0.01	< 10	< 10	22	10	68	
M452582	9400 267	0.28	335	4 < 0.01	11	850	236	2.26	42	3	18	< 0.01	< 10	< 10	15	< 10	220	
M452583	9400 267	0.46	320	4 < 0.01	20	510	26	4.22	50	7	15	< 0.01	< 10	< 10	25	10	44	
M452584	9400 267	0.60	185	< 1 < 0.08	12	300	10	1.00	6	5	40	0.01	< 10	< 10	20	< 10	48	
M452585	9400 267	0.60	145	< 1 < 0.04	10	310	6	1.29	6	5	37	0.01	< 10	< 10	19	< 10	18	

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

ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LTD.
1016 - 510 W. HASTINGS ST.
VANCOUVER, BC
V6B 1L8

Project : GOLDEN REVENUE
Comments:

Page : 3-A
Total : 3
Certificate Date: 16-JUL-2001
Invoice No. : I0119738
P.O. Number :
Account : RCM

CERTIFICATE OF ANALYSIS

A0119738

SAMPLE	PREP CODE	Weight Kg	Au g/t	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm
M452586	9400 267	11.30	< 0.03	< 0.2	0.48	162	< 10	40	< 0.5	6	0.79	< 0.5	6	53	231	2.18	< 10	< 1	0.12	30
M452587	9400 267	10.18	0.03	< 0.2	1.09	254	< 10	40	0.5	< 2	1.05	< 0.5	9	56	192	3.19	10	< 1	0.17	50
M452588	9400 267	9.30	< 0.03	< 0.2	0.54	390	< 10	10	0.5	< 2	1.03	< 0.5	5	32	267	2.49	< 10	< 1	0.06	20
M452589	9400 267	11.48	< 0.03	< 0.2	0.88	236	< 10	40	0.5	< 2	1.42	< 0.5	5	50	78	2.11	< 10	< 1	0.17	30
M452590	9400 267	12.38	0.06	< 0.2	1.18	92	< 10	60	< 0.5	20	0.79	0.5	6	38	209	2.82	10	< 1	0.45	40
M452591	9400 267	11.68	0.12	< 0.2	1.71	120	< 10	40	0.5	< 2	0.99	< 0.5	11	39	250	4.69	10	< 1	0.62	10
M452592	9400 267	12.80	0.06	< 0.2	1.46	120	< 10	70	< 0.5	30	0.76	< 0.5	6	37	146	3.35	10	< 1	0.67	10
M452593	9400 267	12.82	0.15	< 0.2	1.39	28	< 10	70	< 0.5	< 2	0.55	< 0.5	7	50	159	3.04	10	< 1	0.53	10
M452594	9400 267	13.26	0.06	< 0.2	1.45	62	< 10	20	< 0.5	2	0.97	< 0.5	10	49	163	3.82	10	< 1	0.60	10
M452595	9400 267	13.22	0.09	< 0.2	2.00	70	< 10	20	< 0.5	< 2	1.53	< 0.5	11	99	258	4.96	20	< 1	0.66	< 10
M452596	9400 267	14.08	0.03	< 0.2	1.63	18	< 10	10	< 0.5	< 2	1.55	< 0.5	10	37	336	4.55	10	< 1	0.48	< 10
M452597	9400 267	14.14	0.06	< 0.2	2.46	22	< 10	30	< 0.5	2	1.20	< 0.5	14	141	406	5.75	20	< 1	1.10	< 10
M452598	9400 267	12.96	0.21	< 0.2	1.55	180	< 10	60	0.5	6	1.93	< 0.5	12	40	153	4.74	10	< 1	0.76	< 10
M452599	9400 267	10.94	< 0.03	< 0.2	1.64	276	< 10	30	0.5	14	1.52	0.5	14	37	239	4.14	10	< 1	0.57	< 10
M452600	9400 267	10.16	0.06	< 0.2	1.44	430	< 10	30	0.5	6	1.51	< 0.5	10	24	176	3.56	10	< 1	0.51	< 10
M452601	9400 267	12.50	0.33	< 0.2	1.58	296	< 10	50	0.5	2	1.44	< 0.5	14	39	219	4.14	10	< 1	0.56	< 10
M452602	9400 267	12.30	0.36	< 0.2	1.89	254	< 10	30	0.5	16	3.44	< 0.5	13	65	119	5.11	20	< 1	0.81	< 10
M452603	9400 267	8.98	< 0.03	< 0.2	1.60	118	< 10	60	0.5	< 2	2.45	< 0.5	11	102	56	4.45	10	< 1	0.78	< 10
M452604	9400 267	3.28	0.03	< 0.2	0.39	70	< 10	90	< 0.5	< 2	1.00	< 0.5	7	28	73	1.88	< 10	< 1	0.12	70

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: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LTD.
1016 - 510 W. HASTINGS ST.
VANCOUVER, BC
V6B 1L8

Project : GOLDEN REVENUE
Comments:

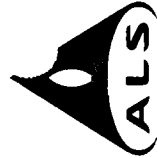
Page : 3-B
Total : 3
Certificate Date: 16-JUL-2001
Invoice No. : 10119738
P.O. Number :
Account : RCM

CERTIFICATE OF ANALYSIS

A0119738

SAMPLE	PREP CODE	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
M452586	9400 267	0.29	125	< 1	0.05	3	190	8	1.09	4	2	30	< 0.01	< 10	< 10	8	< 10	14
M452587	9400 267	0.68	170	< 1	0.04	5	320	6	1.44	8	6	35	< 0.01	< 10	< 10	22	< 10	14
M452588	9400 267	0.47	135	< 1	0.01	1	240	8	1.12	14	4	39	< 0.01	< 10	< 10	5	< 10	24
M452589	9400 267	0.52	125	< 1	0.03	4	290	4	0.81	10	4	43	< 0.01	< 10	< 10	15	< 10	10
M452590	9400 267	0.90	135	< 1	0.05	2	560	50	0.93	2	6	25	0.05	< 10	< 10	34	< 10	64
M452591	9400 267	1.36	215	< 1	0.09	6	1280	6	1.62	4	13	26	0.12	< 10	< 10	101	< 10	16
M452592	9400 267	1.26	200	< 1	0.07	4	860	4	0.93	2	11	19	0.10	< 10	< 10	59	< 10	14
M452593	9400 267	1.08	195	< 1	0.12	5	700	14	0.91	< 2	9	17	0.07	< 10	< 10	47	< 10	22
M452594	9400 267	1.29	215	< 1	0.06	12	750	10	1.15	2	10	22	0.07	< 10	< 10	55	< 10	20
M452595	9400 267	1.81	315	< 1	0.11	32	1040	2	1.64	< 2	11	31	0.12	< 10	< 10	96	< 10	22
M452596	9400 267	1.57	250	< 1	0.07	20	2130	2	1.80	2	11	24	0.12	< 10	< 10	65	< 10	16
M452597	9400 267	2.28	340	< 1	0.12	45	1280	8	1.98	< 2	16	27	0.18	< 10	< 10	133	< 10	32
M452598	9400 267	1.43	470	< 1	0.06	11	1590	< 2	0.98	4	10	56	0.11	< 10	< 10	76	< 10	30
M452599	9400 267	1.27	295	< 1	0.05	6	1050	38	1.66	10	9	37	0.05	< 10	< 10	72	< 10	76
M452600	9400 267	1.20	285	< 1	0.04	3	820	12	1.20	8	7	47	0.05	< 10	< 10	60	< 10	22
M452601	9400 267	1.39	315	< 1	0.07	8	1060	2	1.30	6	9	39	0.06	< 10	< 10	84	< 10	24
M452602	9400 267	1.88	630	< 1	0.03	25	1000	6	0.98	4	16	109	0.09	< 10	< 10	126	< 10	32
M452603	9400 267	1.56	575	1	0.09	34	1090	< 2	0.50	2	13	81	0.15	< 10	< 10	104	< 10	34
M452604	9400 267	0.34	170	< 1	0.04	6	260	4	0.66	2	1	32	< 0.01	< 10	< 10	10	< 10	10

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

ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LTD.
1016 - 510 W. HASTINGS ST.
VANCOUVER, BC
V6B 1L8

Project: GOLDEN REVENUE
Comments:

Page: 1-A
Total: 1
Certificate Date: 09-JUL-2001
Invoice No.: I0119239
P.O. Number:
Account: RCM

CERTIFICATE OF ANALYSIS A0119239

SAMPLE	PREP CODE	Weight Kg	Au g/t	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm
M452378	9400 267	6.52	0.03	0.2	0.43	202	10	240	0.5	2	0.04	0.5	1	82	49	1.54	10	1	0.27	10
M452379	9400 267	7.70	0.03	0.2	0.35	78	10	90	0.5	2	0.02	0.5	1	61	15	0.68	10	1	0.20	10
M452380	9400 267	9.04	0.03	0.2	0.30	560	10	90	0.5	2	0.01	0.5	1	57	22	1.08	10	1	0.27	10
M452381	9400 267	8.74	0.57	0.4	0.41	412	10	120	0.5	2	0.02	0.5	1	49	20	1.17	10	1	0.25	10
M452382	9400 267	8.10	0.09	0.2	1.47	276	10	150	0.5	2	0.06	0.5	1	35	182	4.56	10	1	0.43	10
M452383	9400 267	6.42	0.03	0.2	0.85	72	10	120	0.5	2	0.04	0.5	5	54	213	3.86	10	1	0.34	10
M452384	9400 267	4.86	0.66	0.2	0.66	2040	10	170	0.5	6	0.03	0.5	1	43	116	1.76	10	1	0.34	20
M452385	9400 267	7.38	0.09	0.2	0.95	256	10	130	0.5	2	0.03	0.5	1	31	140	4.48	10	1	0.54	10
M452386	9400 267	10.10	0.03	0.2	0.34	558	10	120	0.5	2	0.01	0.5	1	61	18	1.16	10	1	0.27	10
M452387	9400 267	11.02	0.06	0.2	0.31	764	10	90	0.5	2	0.01	0.5	1	66	61	1.06	10	1	0.23	10
M452388	9400 267	11.54	0.03	0.2	0.33	196	10	120	0.5	2	0.01	0.5	1	59	18	1.03	10	1	0.26	10
M452389	9400 267	12.14	0.03	0.2	0.32	304	10	130	0.5	2	0.01	0.5	1	50	14	1.07	10	1	0.29	10
M452390	9400 267	11.70	0.03	0.2	0.27	348	10	110	0.5	2	0.01	0.5	1	60	15	0.96	10	1	0.24	10
M452391	9400 267	10.18	0.18	0.8	0.24	2730	10	160	0.5	12	0.01	0.5	1	78	46	2.07	10	1	0.48	10
M452392	9400 267	12.10	0.03	0.2	0.31	226	10	130	0.5	2	0.01	0.5	1	62	26	1.36	10	1	0.32	10
M452393	9400 267	11.72	0.06	0.2	0.32	160	10	120	0.5	2	0.01	0.5	1	56	26	1.17	10	1	0.34	10
M452394	9400 267	6.02	0.27	0.4	0.31	1465	10	90	0.5	8	0.01	0.5	1	59	104	1.45	10	1	0.31	10
M452395	9400 267	4.52	0.12	0.2	0.33	548	10	140	0.5	10	0.01	0.5	1	57	78	1.37	10	1	0.29	10
M452396	9400 267	2.48	0.12	0.6	0.35	1030	10	180	0.5	16	0.01	0.5	1	46	247	4.25	10	1	0.40	10
M452397	9400 267	10.02	0.15	0.2	0.34	162	10	90	0.5	2	0.01	0.5	1	48	61	0.99	10	1	0.22	10
M452398	9400 267	6.22	0.12	0.2	0.57	714	10	150	0.5	12	0.01	0.5	1	28	335	3.67	10	1	0.43	10
M452399	9400 267	9.74	0.09	0.2	0.35	356	10	80	0.5	2	0.01	0.5	1	53	83	1.09	10	1	0.22	10
M452400	9400 267	9.66	0.36	0.2	0.33	488	10	60	0.5	2	0.01	0.5	1	58	54	0.74	10	1	0.21	10
M452401	9400 267	9.88	0.21	0.6	0.57	508	10	70	0.5	70	0.01	0.5	1	40	194	3.88	10	1	0.23	30
M452402	9400 267	3.16	1.47	0.2	2.43	314	10	30	0.5	20	0.10	4.0	9	112	550	4.11	10	1	0.54	10
M452403	9400 267	7.58	0.96	0.6	2.20	1565	10	40	0.5	22	0.21	2.0	19	109	174	5.22	10	3	0.80	10
M452404	9400 267	8.40	0.36	0.2	0.31	252	10	70	0.5	2	0.01	0.5	1	50	36	0.99	10	1	0.21	10

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

ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LTD.
1016 - 510 W. HASTINGS ST.
VANCOUVER, BC
V6B 1L8

Project : GOLDEN REVENUE
Comments :

Page : 1-B
Total : 1
Certificate Date: 09-JUL-2001
Invoice No. : I0119239
P.O. Number :
Account : RCM

CERTIFICATE OF ANALYSIS

A0119239

SAMPLE	PREP CODE	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
M452378	9400 267	0.03	20	2	0.03	3	150	14	0.34	2	2	11	< 0.01	< 10	< 10	6	< 10	14
M452379	9400 267	< 0.01	5	1	< 0.01	2	90	10	0.20	< 2	1	5	< 0.01	< 10	< 10	3	< 10	6
M452380	9400 267	< 0.01	5	1	< 0.01	1	60	24	0.29	6	< 1	7	< 0.01	< 10	< 10	3	< 10	4
M452381	9400 267	< 0.01	< 5	< 1	< 0.01	2	80	20	0.37	6	3	7	< 0.01	< 10	< 10	3	< 10	2
M452382	9400 267	0.28	60	3	0.10	2	790	4	0.59	4	12	26	0.03	< 10	< 10	12	< 10	46
M452383	9400 267	0.16	50	4	0.07	4	540	6	0.73	2	7	14	0.01	< 10	< 10	15	< 10	42
M452384	9400 267	0.04	5	3	0.01	1	360	64	0.57	6	9	14	< 0.01	< 10	< 10	18	< 10	6
M452385	9400 267	0.21	25	1	0.04	1	510	16	0.82	6	8	12	0.01	< 10	< 10	56	< 10	50
M452386	9400 267	< 0.01	5	3	0.01	1	190	6	0.37	2	1	6	< 0.01	< 10	< 10	4	< 10	4
M452387	9400 267	< 0.01	5	2	< 0.01	1	130	6	0.27	2	1	5	< 0.01	< 10	< 10	3	< 10	4
M452388	9400 267	< 0.01	5	1	0.01	1	180	10	0.34	2	< 1	7	< 0.01	< 10	< 10	2	< 10	2
M452389	9400 267	< 0.01	< 5	1	0.01	1	160	8	0.39	2	< 1	8	< 0.01	< 10	< 10	2	< 10	2
M452390	9400 267	< 0.01	5	1	< 0.01	1	110	10	0.30	6	< 1	8	< 0.01	< 10	< 10	2	< 10	< 2
M452391	9400 267	< 0.01	10	< 1	< 0.01	1	170	82	0.65	32	1	6	< 0.01	< 10	< 10	4	< 10	8
M452392	9400 267	< 0.01	5	1	< 0.01	1	80	14	0.43	10	< 1	7	< 0.01	< 10	< 10	3	< 10	< 2
M452393	9400 267	< 0.01	< 5	< 1	< 0.01	2	50	8	0.47	2	< 1	6	< 0.01	< 10	< 10	2	< 10	2
M452394	9400 267	< 0.01	5	2	< 0.01	1	60	22	0.37	24	< 1	6	< 0.01	< 10	< 10	2	< 10	2
M452395	9400 267	< 0.01	5	22	< 0.01	1	70	12	0.37	22	1	7	< 0.01	< 10	< 10	3	< 10	2
M452396	9400 267	< 0.01	5	2	0.01	1	150	18	0.63	24	< 1	8	< 0.01	< 10	< 10	11	< 10	< 2
M452397	9400 267	< 0.01	< 5	< 1	< 0.01	1	50	6	0.24	12	< 1	5	< 0.01	< 10	< 10	3	< 10	2
M452398	9400 267	< 0.01	< 5	< 1	0.04	2	100	12	0.72	64	3	9	< 0.01	< 10	< 10	19	< 10	14
M452399	9400 267	< 0.01	5	< 1	0.01	1	60	10	0.27	16	< 1	5	< 0.01	< 10	< 10	2	< 10	6
M452400	9400 267	< 0.01	5	< 1	< 0.01	2	40	6	0.23	2	< 1	4	< 0.01	< 10	< 10	1	< 10	4
M452401	9400 267	0.04	5	7	0.04	1	360	2	0.35	8	3	27	< 0.01	< 10	< 10	28	< 10	6
M452402	9400 267	1.62	275	5	0.01	30	390	2	1.01	6	12	15	0.04	< 10	< 10	91	< 10	38
M452403	9400 267	1.71	425	3	0.03	31	590	12	1.20	6	12	5	0.07	< 10	< 10	99	< 10	58
M452404	9400 267	0.01	5	2	0.03	1	60	4	0.29	2	< 1	5	< 0.01	< 10	< 10	1	< 10	4

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

ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LTD.
1016 - 510 W. HASTINGS ST.
VANCOUVER, BC
V6B 1L8

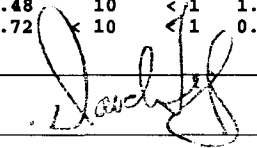
Project: GOLDEN REVENUE
Comments:

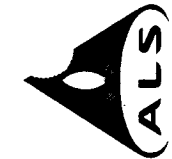
Page: 1-A
Total: 2
Certificate Date: 06-JUL-2001
Invoice No.: I0119238
P.O. Number:
Account: RCM

CERTIFICATE OF ANALYSIS

A0119238

SAMPLE	PREP CODE	Weight Kg	Au g/t	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm
M452303	9400 267	6.34	0.51	< 0.2	2.15	860	< 10	60	< 0.5	< 2	0.08	< 0.5	6	85	300	4.87	10	< 1	0.93	10
M452304	9400 267	7.64	0.60	0.2	2.12	1970	< 10	60	< 0.5	2	0.12	< 0.5	6	90	342	5.61	< 10	< 1	0.97	< 10
M452305	9400 267	6.56	0.12	< 0.2	1.57	212	< 10	70	< 0.5	< 2	0.52	< 0.5	9	74	192	4.30	< 10	< 1	0.53	< 10
M452306	9400 267	9.88	0.30	< 0.2	1.73	104	< 10	50	< 0.5	24	0.13	< 0.5	6	76	284	5.54	< 10	< 1	0.61	10
M452307	9400 267	6.72	0.99	0.6	1.90	112	< 10	80	0.5	34	0.07	< 0.5	6	63	376	5.33	10	< 1	0.87	10
M452308	9400 267	9.66	0.24	< 0.2	1.79	42	< 10	60	0.5	< 2	0.05	< 0.5	7	142	370	7.29	10	< 1	0.78	10
M452309	9400 267	4.24	0.15	< 0.2	1.59	68	< 10	80	0.5	30	0.06	< 0.5	17	61	321	6.62	< 10	< 1	0.56	10
M452310	9400 267	7.60	0.12	< 0.2	1.16	328	< 10	50	0.5	2	0.04	< 0.5	7	72	255	6.41	< 10	< 1	0.53	10
M452311	9400 267	5.44	0.33	< 0.2	0.77	612	< 10	40	1.5	2	0.01	< 0.5	6	34	371	7.73	< 10	< 1	0.32	30
M452312	9400 267	7.14	1.32	< 0.2	1.87	92	< 10	50	0.5	22	0.07	< 0.5	9	112	339	6.52	< 10	< 1	0.94	10
M452313	9400 267	7.10	0.21	< 0.2	1.50	272	< 10	40	0.5	< 2	0.05	< 0.5	30	62	235	10.50	< 10	< 1	0.88	10
M452314	9400 267	0.88	0.09	< 0.2	0.42	18	< 10	10	< 0.5	< 2	0.03	< 0.5	5	55	171	3.24	< 10	< 1	0.21	< 10
M452315	9400 267	7.46	0.15	< 0.2	1.76	24	< 10	30	0.5	< 2	0.30	< 0.5	26	76	302	6.56	< 10	< 1	0.73	< 10
M452316	9400 267	13.16	1.20	0.2	1.92	30	< 10	30	0.5	32	0.28	< 0.5	25	89	491	7.01	10	< 1	1.01	< 10
M452317	9400 267	9.66	0.75	0.4	2.33	200	< 10	30	0.5	2	0.10	< 0.5	17	65	2920	6.10	10	< 1	0.87	20
M452318	9400 267	3.14	3.42	3.0	0.63	>10000	< 10	30	0.5	260	0.02	< 0.5	6	33	798	7.00	< 10	< 1	0.44	10
M452319	9400 267	7.22	1.35	2.4	1.63	1410	< 10	40	1.0	26	0.16	< 0.5	29	79	1110	8.46	10	< 1	1.02	< 10
M452320	9400 267	8.08	1.38	1.2	1.83	186	< 10	30	1.5	58	0.15	< 0.5	39	114	1755	9.00	10	< 1	1.00	< 10
M452321	9400 267	7.98	1.02	0.6	0.46	144	< 10	140	< 0.5	126	< 0.01	< 0.5	1	25	297	5.17	< 10	< 1	0.24	< 10
M452322	9400 267	9.82	0.78	0.2	0.67	56	< 10	80	0.5	14	0.01	< 0.5	2	39	188	4.48	< 10	< 1	0.41	10
M452323	9400 267	10.32	0.36	0.2	0.47	32	< 10	310	< 0.5	< 2	< 0.01	< 0.5	8	50	135	4.77	< 10	< 1	0.30	10
M452324	9400 267	8.80	0.99	0.2	0.64	200	< 10	210	< 0.5	14	< 0.01	< 0.5	3	14	88	3.84	< 10	< 1	0.57	20
M452325	9400 267	9.06	0.69	1.0	0.75	200	< 10	160	< 0.5	32	0.01	< 0.5	< 1	53	117	2.89	< 10	< 1	0.55	10
M452326	9400 267	10.10	1.56	0.8	1.40	114	< 10	100	0.5	42	0.10	< 0.5	22	65	740	4.81	< 10	< 1	0.85	10
M452327	9400 267	12.06	2.49	2.0	0.66	220	< 10	30	0.5	50	0.16	< 0.5	38	33	1160	4.51	< 10	< 1	0.36	< 10
M452328	9400 267	8.68	0.39	< 0.2	1.26	168	< 10	40	0.5	2	0.08	< 0.5	16	62	293	2.23	< 10	< 1	0.48	20
M452329	9400 267	7.48	4.20	< 0.2	1.72	110	< 10	30	0.5	22	0.20	< 0.5	19	55	486	4.74	10	< 1	0.81	30
M452330	9400 267	12.26	1.02	< 0.2	2.45	410	< 10	70	< 0.5	2	0.17	< 0.5	14	77	203	5.53	10	< 1	1.36	10
M452331	9400 267	12.26	0.15	< 0.2	2.32	136	< 10	80	< 0.5	< 2	0.29	< 0.5	12	39	144	5.19	< 10	< 1	1.44	10
M452332	9400 267	1.78	0.12	< 0.2	0.36	98	< 10	20	< 0.5	< 2	0.06	< 0.5	7	53	111	1.86	< 10	< 1	0.12	10
M452333	9400 267	14.60	0.48	< 0.2	2.02	192	< 10	50	< 0.5	< 2	0.21	< 0.5	19	49	277	5.99	10	< 1	0.73	10
M452334	9400 267	12.60	0.06	< 0.2	2.13	54	< 10	70	< 0.5	< 2	0.38	< 0.5	12	53	104	4.95	< 10	< 1	0.93	10
M452335	9400 267	12.38	0.03	< 0.2	2.15	118	< 10	100	< 0.5	< 2	0.74	< 0.5	14	41	112	5.22	10	< 1	1.23	< 10
M452336	9400 267	10.30	0.30	< 0.2	1.72	136	< 10	50	< 0.5	< 2	0.26	< 0.5	15	44	227	4.98	10	< 1	0.71	10
M452337	9400 267	11.74	0.30	< 0.2	1.97	20	< 10	50	< 0.5	< 2	0.47	< 0.5	15	39	164	5.20	< 10	< 1	0.76	< 10
M452338	9400 267	8.86	0.03	< 0.2	0.99	18	< 10	60	< 0.5	< 2	0.32	< 0.5	4	77	40	1.97	< 10	< 1	0.43	10
M452339	9400 267	11.66	0.18	< 0.2	1.45	20	< 10	110	< 0.5	< 2	0.54	< 0.5	10	44	112	3.62	< 10	< 1	0.70	10
M452340	9400 267	13.24	0.39	< 0.2	1.74	52	< 10	110	< 0.5	< 2	0.31	< 0.5	12	54	139	4.45	< 10	< 1	0.96	10
M452341	9400 267	13.30	0.48	< 0.2	2.29	48	< 10	60	0.5	< 2	0.27	< 0.5	20	44	321	6.48	10	< 1	1.09	< 10
M452342	9400 267	6.58	0.27	< 0.2	1.82	26	< 10	60	< 0.5	< 2	0.19	< 0.5	15	64	241	4.72	< 10	< 1	0.87	10

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

ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LTD.
1016 - 510 W. HASTINGS ST.
VANCOUVER, BC
V6B 1L8

Project: GOLDEN REVENUE
Comments:

Page 1 of 1
Total 1
Certificate Date: 06-JUL-2001
Invoice No.: 10119238
P.O. Number:
Account: RCM

CERTIFICATE OF ANALYSIS A0119238

SAMPLE	PREP CODE	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
M452303	9400 267	1.77	135	3	0.04	10	320	< 2	0.34	2	15	11	0.10	< 10	< 10	98	< 10	36
M452304	9400 267	1.61	145	1	0.05	9	380	< 2	0.47	4	17	14	0.15	< 10	< 10	112	< 10	36
M452305	9400 267	1.00	255	1	0.05	12	330	< 2	0.37	2	9	17	0.15	< 10	< 10	72	< 10	26
M452306	9400 267	1.03	120	1	0.06	7	470	< 2	0.39	2	16	10	0.17	< 10	< 10	120	< 10	28
M452307	9400 267	1.39	130	1	0.06	7	430	< 2	0.49	< 2	14	13	0.09	< 10	< 10	95	< 10	30
M452308	9400 267	1.21	125	1	0.06	10	410	< 2	0.54	4	16	12	0.07	< 10	< 10	104	< 10	44
M452309	9400 267	0.81	195	1	0.04	16	390	< 2	0.39	4	16	13	0.04	< 10	< 10	73	< 10	80
M452310	9400 267	0.39	105	< 1	0.05	8	720	< 2	0.54	10	17	22	0.02	< 10	< 10	72	< 10	36
M452311	9400 267	0.03	105	< 1	0.04	8	1990	< 2	0.61	26	29	30	< 0.01	< 10	< 10	88	< 10	44
M452312	9400 267	1.25	135	1	0.04	12	570	< 2	0.55	2	20	17	0.13	< 10	< 10	121	< 10	50
M452313	9400 267	0.98	555	1	0.06	24	490	< 2	0.65	2	17	11	0.06	< 10	< 10	129	< 10	144
M452314	9400 267	0.15	65	1	0.08	6	140	< 2	0.27	2	4	6	< 0.01	< 10	< 10	28	< 10	16
M452315	9400 267	1.50	355	1	0.05	36	620	< 2	1.78	4	17	6	< 0.10	< 10	< 10	108	< 10	68
M452316	9400 267	1.73	300	1	0.03	39	690	< 2	2.30	6	17	7	0.10	< 10	< 10	101	< 10	58
M452317	9400 267	1.44	110	3	0.01	34	540	< 2	2.54	12	18	8	0.06	< 10	< 10	91	< 10	28
M452318	9400 267	0.08	40	6	0.01	9	800	120	0.58	80	31	23	< 0.01	< 10	< 10	24	< 10	24
M452319	9400 267	1.59	250	3	< 0.01	54	660	< 2	2.80	18	25	8	0.09	< 10	< 10	94	< 10	32
M452320	9400 267	1.69	250	2	< 0.01	64	560	< 2	3.90	32	19	14	0.08	< 10	< 10	81	< 10	46
M452321	9400 267	0.04	20	7	< 0.01	3	100	< 2	0.34	12	1	7	< 0.01	< 10	< 10	5	< 10	18
M452322	9400 267	0.13	35	3	< 0.01	2	450	< 2	0.55	18	8	18	< 0.01	< 10	< 10	31	< 10	14
M452323	9400 267	0.02	110	3	< 0.01	3	140	< 2	0.42	14	4	13	< 0.01	< 10	< 10	8	< 10	32
M452324	9400 267	0.03	45	4	0.01	1	130	< 2	0.84	16	3	16	< 0.01	< 10	< 10	4	< 10	30
M452325	9400 267	0.12	15	3	0.01	4	520	6	0.68	18	5	19	0.01	< 10	< 10	18	< 10	10
M452326	9400 267	0.63	105	1	0.01	19	530	4	1.91	20	10	10	0.04	< 10	< 10	41	< 10	30
M452327	9400 267	0.21	115	5	< 0.01	17	770	2	2.80	24	3	13	< 0.01	< 10	< 10	17	< 10	20
M452328	9400 267	0.55	55	1	< 0.01	13	400	< 2	1.07	16	7	7	0.03	< 10	< 10	31	< 10	26
M452329	9400 267	1.28	175	6	0.01	22	740	< 2	1.89	4	9	6	0.07	< 10	< 10	72	< 10	30
M452330	9400 267	2.07	205	2	0.04	19	490	< 2	1.45	2	18	7	0.14	< 10	< 10	117	< 10	28
M452331	9400 267	1.92	195	1	0.06	7	850	< 2	1.15	2	20	10	0.16	< 10	< 10	126	< 10	22
M452332	9400 267	0.19	70	< 1	0.04	1	60	< 2	0.79	2	1	2	< 0.01	< 10	< 10	9	< 10	4
M452333	9400 267	1.91	215	< 1	0.04	9	480	< 2	2.15	2	19	6	0.07	< 10	< 10	136	< 10	20
M452334	9400 267	1.93	190	< 1	0.05	7	420	< 2	1.11	2	16	8	0.09	< 10	< 10	125	< 10	18
M452335	9400 267	1.81	295	< 1	0.06	5	610	< 2	0.99	4	16	13	0.17	< 10	< 10	127	< 10	22
M452336	9400 267	1.56	175	< 1	0.04	5	480	< 2	1.68	2	14	6	0.09	< 10	< 10	105	< 10	12
M452337	9400 267	1.72	230	1	0.05	6	480	< 2	1.47	4	16	11	0.09	< 10	< 10	107	< 10	22
M452338	9400 267	0.76	105	< 1	0.06	4	180	< 2	0.29	2	6	8	0.04	< 10	< 10	32	< 10	8
M452339	9400 267	1.14	210	< 1	0.06	4	370	< 2	0.80	2	10	11	0.10	< 10	< 10	67	< 10	14
M452340	9400 267	1.36	225	1	0.07	4	410	< 2	1.11	6	14	9	0.12	< 10	< 10	94	< 10	18
M452341	9400 267	2.09	270	1	0.04	6	620	< 2	2.20	2	20	7	0.11	< 10	< 10	145	< 10	28
M452342	9400 267	1.61	180	< 1	0.05	6	400	< 2	1.52	2	14	7	0.09	< 10	< 10	102	< 10	20

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

ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LTD.
1016 - 510 W. HASTINGS ST.
VANCOUVER, BC
V6B 1L8

Project : GOLDEN REVENUE
Comments:

Page : 2-A
Total : 2
Certificate Date: 06-JUL-2001
Invoice No. : I0119238
P.O. Number :
Account : RCM

CERTIFICATE OF ANALYSIS

A0119238

SAMPLE	PREP CODE	Weight Kg	Au g/t	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm
M452343	9400 267	11.76	0.72	0.2	0.88	24	< 10	20	< 0.5	8	0.13	< 0.5	8	69	205	2.71	< 10	< 1	0.17	10
M452344	9400 267	12.02	0.21	< 0.2	2.52	32	< 10	110	< 0.5	< 2	0.21	< 0.5	13	108	120	5.73	10	< 1	1.33	10
M452345	9400 267	11.34	0.27	< 0.2	2.41	22	< 10	50	< 0.5	6	0.55	< 0.5	20	47	205	7.46	< 10	< 1	1.08	< 10
M452346	9400 267	12.78	0.51	< 0.2	2.65	30	< 10	50	0.5	2	0.48	< 0.5	30	68	340	8.52	10	< 1	1.41	< 10
M452347	9400 267	13.04	0.21	< 0.2	2.32	40	< 10	60	< 0.5	< 2	0.47	< 0.5	25	60	267	7.78	10	< 1	1.51	< 10
M452348	9400 267	11.60	0.21	< 0.2	0.66	90	< 10	10	0.5	8	0.20	< 0.5	24	55	246	4.46	< 10	< 1	0.26	10
M452349	9400 267	10.44	0.27	0.2	0.81	794	< 10	40	1.0	< 2	0.15	< 0.5	45	34	1180	4.04	< 10	< 1	0.13	40
M452350	9400 267	10.64	2.34	2.8	1.16	5470	< 10	30	0.5	94	0.08	< 0.5	55	36	2290	3.26	< 10	< 1	0.21	< 10
M452351	9400 267	11.20	0.45	0.2	0.89	308	< 10	40	0.5	48	0.10	5.5	13	31	471	1.48	< 10	< 1	0.16	10
M452352	9400 267	2.24	0.48	7.6	2.29	52	< 10	100	2.0	2	0.49	2.0	63	42	4110	6.79	< 10	< 1	1.30	30
M452353	9400 267	8.34	0.06	< 0.2	2.85	10	< 10	70	2.0	< 2	0.90	< 0.5	26	49	70	9.95	< 10	< 1	1.20	< 10
M452354	9400 267	9.28	0.33	0.2	3.26	36	< 10	40	0.5	60	1.19	< 0.5	28	68	315	8.63	< 10	< 1	1.26	< 10
M452355	9400 267	15.02	5.70	0.2	3.18	30	< 10	40	< 0.5	48	1.54	< 0.5	20	47	208	5.34	< 10	< 1	0.75	< 10
M452356	9400 267	15.30	0.51	< 0.2	2.21	36	< 10	10	< 0.5	2	1.56	< 0.5	18	51	169	4.78	< 10	< 1	0.47	< 10
M452357	9400 267	14.48	0.33	< 0.2	1.96	8	< 10	20	< 0.5	6	1.28	< 0.5	16	36	144	4.12	< 10	< 1	0.55	< 10
M452358	9400 267	14.48	0.72	0.2	2.34	62	< 10	40	0.5	22	1.08	< 0.5	19	50	427	7.98	10	< 1	1.64	< 10
M452359	9400 267	7.22	0.42	< 0.2	1.92	108	< 10	110	< 0.5	< 2	0.91	< 0.5	9	80	122	4.62	< 10	< 1	1.36	10
M452360	9400 267	10.52	0.09	< 0.2	0.61	274	< 10	50	< 0.5	< 2	0.38	< 0.5	9	54	143	2.81	< 10	< 1	0.16	30
M452361	9400 267	9.02	0.33	0.2	3.58	12	< 10	110	< 0.5	< 2	0.89	< 0.5	21	70	346	5.86	10	< 1	1.37	< 10
M452362	9400 267	13.04	0.09	< 0.2	0.92	50	< 10	30	< 0.5	4	0.40	< 0.5	16	60	202	4.23	< 10	< 1	0.20	< 10
M452363	9400 267	9.86	0.24	0.2	1.30	348	< 10	< 10	0.5	2	0.59	< 0.5	12	38	340	7.93	< 10	< 1	0.09	< 10
M452364	9400 267	4.78	0.33	1.0	1.25	28	< 10	< 10	1.0	< 2	1.15	< 0.5	38	24	1140	>15.00	< 10	< 1	0.02	< 10
M452365	9400 267	5.02	0.27	< 0.2	0.99	8	< 10	10	< 0.5	2	1.04	< 0.5	6	26	146	4.04	< 10	< 1	0.07	< 10
M452366	9400 267	14.32	0.18	< 0.2	1.25	12	< 10	20	< 0.5	< 2	0.60	< 0.5	6	40	73	3.11	< 10	< 1	0.27	< 10
M452367	9400 267	10.92	0.15	< 0.2	1.74	10	< 10	40	< 0.5	8	0.46	< 0.5	14	32	79	4.61	< 10	< 1	0.62	< 10
M452368	9400 267	4.56	0.09	< 0.2	0.78	226	< 10	10	0.5	6	0.23	< 0.5	21	22	156	4.30	< 10	< 1	0.10	< 10
M452369	9400 267	2.38	0.93	6.6	1.57	2050	< 10	30	1.5	26	0.09	0.5	136	16	9440	4.50	< 10	< 1	0.13	< 10
M452370	9400 267	4.46	0.24	< 0.2	0.98	436	< 10	10	0.5	6	0.15	< 0.5	58	39	671	4.51	< 10	< 1	0.12	< 10
M452371	9400 267	10.06	0.48	< 0.2	0.60	240	< 10	30	< 0.5	50	0.08	< 0.5	7	47	271	2.90	< 10	< 1	0.17	10
M452372	9400 267	5.00	0.48	0.8	1.29	84	< 10	70	< 0.5	32	0.19	< 0.5	11	44	550	3.91	< 10	< 1	0.48	< 10
M452373	9400 267	11.06	0.72	0.2	1.85	82	< 10	110	< 0.5	24	0.42	< 0.5	15	29	313	5.74	< 10	< 1	1.13	< 10
M452374	9400 267	9.40	0.57	< 0.2	0.56	114	< 10	100	< 0.5	2	0.74	< 0.5	5	42	129	1.97	< 10	< 1	0.16	60
M452375	9400 267	10.66	< 0.03	0.2	1.84	26	< 10	80	< 0.5	< 2	0.17	< 0.5	19	52	272	4.98	< 10	< 1	1.23	< 10
M452376	9400 267	12.42	0.15	< 0.2	2.03	56	< 10	120	< 0.5	< 2	0.35	< 0.5	17	66	201	4.34	< 10	< 1	1.20	10

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

ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LTD.
1016 - 510 W. HASTINGS ST.
VANCOUVER, BC
V6B 1L8

Project: GOLDEN REVENUE
Comments:

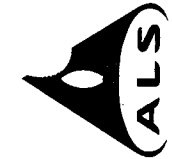
Page: 2-B
Total: 2
Certificate Date: 06-JUL-2001
Invoice No.: I0119238
P.O. Number:
Account: RCM

CERTIFICATE OF ANALYSIS

A0119238

SAMPLE	PREP CODE	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
M452343	9400 267	0.72	160	< 1	0.04	6	230	< 2	0.77	2	5	4	< 0.01	< 10	< 10	25	< 10	16
M452344	9400 267	2.40	320	2	0.04	25	390	< 2	1.17	4	16	8	0.12	< 10	< 10	105	< 10	30
M452345	9400 267	2.28	630	1	0.09	27	770	< 2	1.79	4	18	17	0.14	< 10	< 10	150	< 10	42
M452346	9400 267	2.65	530	1	0.07	29	970	< 2	2.97	2	21	13	0.13	< 10	< 10	166	< 10	38
M452347	9400 267	2.30	465	1	0.06	24	970	< 2	2.25	6	22	12	0.14	< 10	< 10	154	< 10	42
M452348	9400 267	0.51	280	< 1	0.04	30	400	< 2	1.65	10	7	6	0.01	< 10	< 10	27	< 10	66
M452349	9400 267	0.07	110	3	< 0.01	39	810	< 2	3.10	44	7	11	< 0.01	10	< 10	24	< 10	96
M452350	9400 267	0.04	10	3	< 0.01	36	610	< 2	2.93	84	5	18	< 0.01	< 10	< 10	13	< 10	28
M452351	9400 267	0.03	20	1	< 0.01	29	600	< 2	1.35	32	2	12	< 0.01	< 10	< 10	8	< 10	14
M452352	9400 267	1.81	740	1	< 0.01	61	900	2	1.96	34	22	9	0.07	10	< 10	104	< 10	132
M452353	9400 267	2.12	1600	< 1	0.11	43	550	< 2	0.53	6	14	27	0.09	< 10	< 10	88	< 10	102
M452354	9400 267	2.32	870	1	0.23	56	590	< 2	2.15	2	20	68	0.10	< 10	< 10	128	< 10	52
M452355	9400 267	1.72	465	1	0.28	38	550	< 2	1.52	2	13	85	0.09	< 10	< 10	94	< 10	28
M452356	9400 267	1.68	375	1	0.21	34	720	< 2	1.39	2	13	48	0.09	< 10	< 10	89	< 10	20
M452357	9400 267	1.36	290	1	0.19	24	770	< 2	1.24	< 2	10	42	0.10	< 10	< 10	81	< 10	14
M452358	9400 267	2.29	375	< 1	0.05	30	570	< 2	2.53	6	21	25	0.14	< 10	< 10	116	< 10	22
M452359	9400 267	2.00	265	1	0.06	10	700	< 2	0.96	2	15	22	0.12	< 10	< 10	51	< 10	24
M452360	9400 267	0.45	145	1	0.06	5	390	< 2	1.09	6	6	11	< 0.01	< 10	< 10	23	< 10	12
M452361	9400 267	2.12	180	6	0.22	13	460	< 2	2.18	2	24	80	0.12	< 10	< 10	178	< 10	18
M452362	9400 267	0.41	165	4	0.05	11	220	< 2	2.06	2	7	13	0.03	< 10	< 10	61	< 10	8
M452363	9400 267	0.77	410	< 1	0.05	6	370	< 2	3.69	2	9	16	0.04	< 10	< 10	57	< 10	16
M452364	9400 267	0.60	600	< 1	0.01	16	370	< 2	>10.00	8	2	21	< 0.01	< 10	< 10	38	20	10
M452365	9400 267	0.68	275	< 1	0.08	4	410	< 2	1.90	2	5	18	0.08	< 10	< 10	37	< 10	10
M452366	9400 267	0.98	240	< 1	0.10	5	260	< 2	0.79	< 2	7	20	0.08	< 10	< 10	50	< 10	16
M452367	9400 267	1.09	385	< 1	0.10	12	330	< 2	0.92	2	10	30	0.09	< 10	< 10	87	< 10	38
M452368	9400 267	0.34	495	< 1	< 0.01	10	460	< 2	1.38	10	14	5	< 0.01	< 10	< 10	48	< 10	42
M452369	9400 267	0.04	15	2	< 0.01	128	550	2	4.56	94	7	13	< 0.01	< 10	< 10	29	10	80
M452370	9400 267	0.41	265	3	< 0.01	45	360	< 2	2.27	16	9	5	< 0.01	< 10	< 10	35	< 10	24
M452371	9400 267	0.41	295	1	< 0.01	5	160	< 2	0.69	10	4	4	< 0.01	< 10	< 10	14	< 10	16
M452372	9400 267	1.07	250	< 1	0.04	8	430	< 2	1.03	12	11	5	0.04	< 10	< 10	30	< 10	24
M452373	9400 267	1.78	250	1	0.04	5	390	< 2	1.81	4	19	10	0.10	< 10	< 10	124	< 10	20
M452374	9400 267	0.42	80	1	0.04	1	330	< 2	0.80	2	3	28	< 0.01	10	< 10	15	< 10	2
M452375	9400 267	1.48	125	8	0.02	9	270	< 2	2.26	2	10	6	0.07	< 10	< 10	75	< 10	12
M452376	9400 267	1.67	125	4	0.04	9	330	< 2	1.70	2	15	13	0.08	< 10	< 10	101	< 10	14

CERTIFICATION:



ALS Chemex

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

ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LTD.
1016 - 510 W. HASTINGS ST.
VANCOUVER, BC
V6B 1L8

Project: GOLDEN REVENUE
Comments:

Page 1 of 1-A
Total F... 2
Certificate Date: 03-JUL-2001
Invoice No. 10119112
P.O. Number
Account : RCM

CERTIFICATE OF ANALYSIS A0119112

SAMPLE	PREP CODE	Weight Kg	Au g/t	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm
M452251	9400 267	3.30	0.78	1.2	0.37	1300	< 10	110	< 0.5	34	0.05	< 0.5	< 1	44	100	1.83	< 10	< 1	0.20	< 10
M452252	9400 267	9.18	0.33	0.6	0.34	138	< 10	10	< 0.5	22	0.03	< 0.5	< 1	42	85	1.08	< 10	< 1	0.09	< 10
M452253	9400 267	2.60	1.89	1.4	0.23	2520	< 10	90	< 0.5	18	0.03	< 0.5	< 1	36	178	3.84	< 10	< 1	0.37	< 10
M452254	9400 267	8.66	2.82	1.2	0.37	696	< 10	50	< 0.5	18	0.03	< 0.5	< 1	48	177	2.61	< 10	< 1	0.20	< 10
M452255	9400 267	10.64	0.57	0.6	0.42	438	< 10	50	< 0.5	12	0.02	< 0.5	< 1	53	136	1.81	< 10	< 1	0.18	< 10
M452256	9400 267	8.96	0.33	1.2	0.40	138	< 10	120	< 0.5	8	0.01	< 0.5	< 1	36	67	1.67	< 10	< 1	0.32	< 10
M452257	9400 267	8.80	0.51	1.2	0.34	118	< 10	110	< 0.5	16	0.01	< 0.5	< 1	28	80	1.39	< 10	< 1	0.28	< 10
M452258	9400 267	2.56	1.74	2.0	0.48	732	< 10	40	< 0.5	24	0.02	< 0.5	8	37	383	5.37	< 10	< 1	0.18	< 10
M452259	9400 267	9.34	0.51	1.0	0.32	226	< 10	110	< 0.5	18	0.01	< 0.5	< 1	35	195	3.04	< 10	< 1	0.24	< 10
M452260	9400 267	10.26	0.48	1.6	0.35	394	< 10	70	< 0.5	26	0.01	< 0.5	1	37	272	3.34	< 10	< 1	0.17	< 10
M452261	9400 267	3.22	0.69	1.8	0.29	734	< 10	310	< 0.5	26	0.01	< 0.5	1	46	342	2.33	< 10	< 1	0.29	< 10
M452262	9400 267	12.24	0.48	3.6	1.17	66	< 10	60	< 0.5	84	0.11	< 0.5	10	20	1435	5.85	< 10	< 1	0.81	< 10
M452263	9400 267	5.50	0.18	2.0	0.88	142	< 10	80	< 0.5	14	0.01	< 0.5	1	22	324	6.13	< 10	< 1	0.84	< 10
M452264	9400 267	9.12	0.09	0.2	0.28	242	< 10	70	< 0.5	8	0.01	< 0.5	< 1	48	124	1.84	< 10	< 1	0.17	< 10
M452265	9400 267	9.20	0.06	0.2	0.31	214	< 10	80	< 0.5	2	< 0.01	< 0.5	< 1	45	77	1.25	< 10	< 1	0.20	< 10
M452266	9400 267	8.86	0.33	1.0	0.35	332	< 10	90	< 0.5	8	< 0.01	< 0.5	< 1	51	79	1.37	< 10	< 1	0.22	< 10
M452267	9400 267	3.98	0.30	0.6	0.90	208	< 10	80	< 0.5	8	< 0.01	< 0.5	4	75	430	4.82	< 10	< 1	0.34	< 10
M452268	9400 267	12.18	0.18	0.2	1.75	36	< 10	80	< 0.5	24	0.33	< 0.5	20	48	456	5.86	< 10	< 1	0.82	< 10
M452269	9400 267	12.54	0.18	< 0.2	1.71	24	< 10	30	< 0.5	18	0.64	< 0.5	27	33	236	6.30	< 10	< 1	0.56	< 10
M452270	9400 267	8.88	0.12	1.0	1.85	34	< 10	30	< 0.5	28	0.55	< 0.5	33	37	725	7.69	< 10	< 1	0.82	< 10
M452271	9400 267	2.96	0.45	0.6	1.74	214	< 10	10	< 0.5	22	0.54	< 0.5	40	35	718	9.85	< 10	< 1	0.61	< 10
M452272	9400 267	4.86	0.24	0.4	2.14	104	< 10	30	< 0.5	6	0.47	< 0.5	36	38	571	7.91	< 10	< 1	1.25	< 10
M452273	9400 267	7.82	0.51	1.4	2.55	1195	< 10	40	< 0.5	28	0.38	< 0.5	43	46	832	7.72	< 10	< 1	1.81	< 10
M452274	9400 267	13.10	1.08	2.0	2.30	78	< 10	80	< 0.5	64	0.31	< 0.5	19	26	1355	4.63	< 10	< 1	1.52	< 10
M452275	9400 267	12.86	0.09	0.2	2.21	30	< 10	140	< 0.5	54	0.30	< 0.5	13	30	259	4.16	< 10	< 1	1.38	< 10
M452276	9400 267	12.00	0.03	< 0.2	1.60	36	< 10	180	< 0.5	8	0.23	< 0.5	10	66	131	2.96	< 10	< 1	0.90	< 10
M452277	9400 267	3.66	4.86	0.6	0.43	46	< 10	70	< 0.5	124	0.14	< 0.5	16	35	413	3.35	< 10	< 1	0.22	< 10
M452278	9400 267	10.52	0.78	3.6	1.27	32	< 10	30	< 0.5	28	0.27	< 0.5	27	44	1840	5.94	< 10	< 1	0.86	< 10
M452279	9400 267	10.44	0.09	0.8	0.59	130	< 10	30	< 0.5	4	0.16	< 0.5	23	30	821	2.56	< 10	< 1	0.16	< 10
M452280	9400 267	5.88	0.45	1.8	0.72	310	< 10	50	< 0.5	140	0.14	< 0.5	19	30	1770	1.51	< 10	< 1	0.15	< 10
M452281	9400 267	12.86	0.03	0.6	0.53	254	< 10	40	< 0.5	12	0.15	< 0.5	18	35	612	2.40	< 10	< 1	0.18	< 10
M452282	9400 267	11.64	0.15	0.8	0.45	164	< 10	50	< 0.5	30	0.15	< 0.5	22	28	803	2.22	< 10	< 1	0.15	< 10
M452283	9400 267	12.98	0.18	0.6	0.47	130	< 10	30	< 0.5	18	0.14	< 0.5	16	25	610	1.90	< 10	< 1	0.13	< 10
M452284	9400 267	7.98	0.18	0.6	0.54	148	< 10	40	< 0.5	8	0.14	< 0.5	28	23	948	2.07	< 10	< 1	0.13	< 10
M452285	9400 267	10.94	0.21	1.0	0.55	276	< 10	30	< 0.5	10	0.16	< 0.5	43	30	1165	1.47	< 10	< 1	0.14	< 10
M452286	9400 267	12.54	0.09	1.4	0.47	606	< 10	30	< 0.5	44	0.14	< 0.5	29	31	1525	2.06	< 10	< 1	0.16	< 10
M452287	9400 267	12.00	0.18	2.0	0.56	286	< 10	50	< 0.5	16	0.13	< 0.5	27	41	1345	1.47	< 10	< 1	0.18	< 10
M452288	9400 267	10.08	0.09	0.8	0.51	748	< 10	50	< 0.5	32	0.12	< 0.5	45	33	955	1.53	< 10	< 1	0.17	< 10
M452289	9400 267	5.86	0.06	0.8	0.50	1540	< 10	30	< 0.5	74	0.14	< 0.5	52	43	590	2.58	< 10	< 1	0.16	< 10
M452290	9400 267	9.14	0.33	< 0.2	0.88	122	< 10	30	< 0.5	14	0.47	< 0.5	28	17	371	6.20	< 10	< 1	0.24	< 10

CERTIFICATION:

CERTIFICATE OF ANALYSIS

A0119112

SAMPLE	PREP CODE	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
M452251	9400 267	0.02	25	1 < 0.01	5	230	4	0.24	6	7	12 < 0.01	4 < 0.01	10 < 10	30	8	10	2	
M452252	9400 267	0.01	10	1 < 0.01	1	120	2	0.01	6	1	4 < 0.01	10 < 10	21 < 10	2	2	2	2	
M452253	9400 267	0.01	5	1 < 0.01	1	160	6	0.60	40	2	12 < 0.01	10 < 10	19 < 10	4	4	4	4	
M452254	9400 267	0.03	5	1 < 0.01	2	220	8	0.11	50	2	8 < 0.01	10 < 10	11 < 10	2	2	2	2	
M452255	9400 267	0.02	5	2 < 0.01	1	190	8	0.10	14	2	8 < 0.01	10 < 10	10 < 10	11	11	10	10	
M452256	9400 267	0.01	5	2 < 0.01	2	210	2	0.38	16	1	16 < 0.01	10 < 10	10 < 10	10	10	10	10	
M452257	9400 267	0.01	5	1 < 0.01	1	220	2	0.33	8	1	16 < 0.01	10 < 10	39 < 10	48	48	48	48	
M452258	9400 267	0.02	100	1 < 0.01	9	810	4	0.27	16	11	10 < 0.01	10 < 10	7 < 10	4	4	4	4	
M452259	9400 267	0.01	5	1 < 0.01	1	330	6	0.37	2	1	8 < 0.01	10 < 10	9 < 10	8	8	8	8	
M452260	9400 267	0.01	15	1 < 0.01	2	340	12	0.22	12	1	6 < 0.01	10 < 10	1 < 10	2	2	2	2	
M452261	9400 267	0.02	15	1 < 0.06	1	420	2	0.42	4	1	13 < 0.01	10 < 10	7 < 10	8	8	8	8	
M452262	9400 267	0.58	35	3 < 0.09	5	1010	6	1.91	6	16	21 < 0.06	10 < 10	144 < 10	14	14	14	14	
M452263	9400 267	0.43	40	6 < 0.07	3	660	2	0.92	2	13	19 < 0.06	10 < 10	87 < 10	18	18	18	18	
M452264	9400 267	0.01	20	3 < 0.05	2	140	4	0.20	2	1	5 < 0.01	10 < 10	4 < 10	8	8	8	8	
M452265	9400 267	0.01	5	3 < 0.03	3	80	6	0.30	6	1	6 < 0.01	10 < 10	1 < 10	2	2	2	2	
M452266	9400 267	< 0.01	5	1 < 0.01	3	100	12	0.31	8	1	8 < 0.01	10 < 10	2 < 10	2	2	2	2	
M452267	9400 267	0.24	40	3 < 0.01	8	450	6	0.26	14	5	10 < 0.01	10 < 10	26 < 10	22	22	22	22	
M452268	9400 267	1.16	175	2 < 0.05	18	1190	2	1.09	6	15	11 < 0.14	10 < 10	138 < 10	42	42	42	42	
M452269	9400 267	1.37	430	3 < 0.05	23	1460	2	2.06	2	13	7 < 0.10	10 < 10	140 < 10	40	40	40	40	
M452270	9400 267	1.75	630	3 < 0.02	25	1570	2	2.80	14	16	7 < 0.09	10 < 10	161 < 10	48	48	48	48	
M452271	9400 267	1.71	760	5 < 0.01	31	1190	2	3.40	12	15	7 < 0.05	10 < 10	136 < 10	44	44	44	44	
M452272	9400 267	1.93	360	3 < 0.04	27	1250	2	3.13	8	22	7 < 0.14	10 < 10	225 < 10	34	34	34	34	
M452273	9400 267	2.55	310	1 < 0.03	27	1140	2	2.71	10	25	6 < 0.20	10 < 10	225 < 10	34	34	34	34	
M452274	9400 267	2.18	215	3 < 0.03	12	1270	10	1.50	4	17	4 < 0.19	10 < 10	130 < 10	34	34	34	34	
M452275	9400 267	1.93	205	3 < 0.03	14	1080	2	0.89	2	14	7 < 0.19	10 < 10	120 < 10	28	28	28	28	
M452276	9400 267	1.40	165	9 < 0.04	17	750	2	0.63	6	11	8 < 0.10	10 < 10	72 < 10	30	30	30	30	
M452277	9400 267	0.37	115	1 < 0.04	9	370	6	1.68	< 2	2	7 < 0.01	10 < 10	13 < 10	14	14	14	14	
M452278	9400 267	1.37	155	3 < 0.04	22	860	< 2	2.77	2	14	8 < 0.07	10 < 10	98 < 10	22	22	22	22	
M452279	9400 267	0.21	140	3 < 0.01	38	600	2	1.34	8	1	13 < 0.01	10 < 10	9 < 10	40	40	40	40	
M452280	9400 267	0.04	45	2 < 0.01	20	670	10	1.37	64	1	10 < 0.01	10 < 10	5 < 10	28	28	28	28	
M452281	9400 267	0.09	140	2 < 0.01	14	660	44	1.54	36	1	10 < 0.01	10 < 10	4 < 10	64	64	64	64	
M452282	9400 267	0.10	135	3 < 0.01	16	660	14	1.18	34	1	7 < 0.01	10 < 10	3 < 10	76	76	76	76	
M452283	9400 267	0.06	85	3 < 0.01	13	680	30	1.18	32	1	8 < 0.01	10 < 10	4 < 10	68	68	68	68	
M452284	9400 267	0.09	90	3 < 0.01	22	650	12	1.53	14	1	8 < 0.01	10 < 10	3 < 10	28	28	28	28	
M452285	9400 267	0.04	35	2 < 0.01	34	660	24	1.39	16	1	8 < 0.01	10 < 10	4 < 10	34	34	34	34	
M452286	9400 267	0.05	55	2 < 0.01	22	600	12	1.90	106	1	7 < 0.01	10 < 10	3 < 10	34	34	34	34	
M452287	9400 267	0.03	30	1 < 0.01	24	630	6	1.43	72	1	7 < 0.01	10 < 10	3 < 10	34	34	34	34	
M452288	9400 267	0.01	15	1 < 0.01	35	610	12	1.62	72	1	7 < 0.01	10 < 10	3 < 10	52	52	52	52	
M452289	9400 267	0.06	40	1 < 0.01	37	620	28	2.51	58	1	7 < 0.01	10 < 10	5 < 10	108	108	108	108	
M452290	9400 267	0.83	445	4 < 0.01	16	1380	2	2.43	10	13	5 < 0.01	10 < 10	64 < 10	46	46	46	46	

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

ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LTD.
1016 - 510 W. HASTINGS ST.
VANCOUVER, BC
V6B 1L8

Project : GOLDEN REVENUE
Comments:

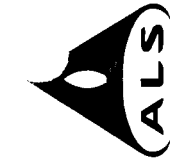
Page : 2-A
Total : 2
Certificate Date: 03-JUL-2001
Invoice No. : I0119112
P.O. Number :
Account : RCM

CERTIFICATE OF ANALYSIS

A0119112

SAMPLE	PREP CODE	Weight Kg	Au g/t	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm
M452291	9400 267	8.50	0.06	< 0.2	0.70	560	< 10	30	0.5	4	0.26	0.5	21	33	759	4.18	< 10	< 1	0.15	< 10
M452292	9400 267	5.42	< 0.03	0.6	0.96	462	< 10	40	0.5	2	0.09	< 0.5	13	48	1645	1.49	< 10	< 1	0.12	30
M452293	9400 267	10.92	0.06	0.2	0.30	42	< 10	40	< 0.5	4	0.14	< 0.5	10	27	218	2.58	< 10	< 1	0.08	50
M452294	9400 267	9.60	0.12	0.4	0.87	28	< 10	30	0.5	10	0.29	< 0.5	12	24	317	3.97	< 10	< 1	0.34	60
M452295	9400 267	16.30	0.18	0.8	2.06	152	< 10	30	0.5	20	0.43	< 0.5	18	49	604	6.20	< 10	< 1	1.02	10
M452296	9400 267	5.56	0.15	0.6	1.22	30	< 10	40	0.5	24	0.28	< 0.5	16	33	500	4.78	< 10	< 1	0.55	20
M452297	9400 267	5.48	0.06	0.8	1.11	30	< 10	30	0.5	10	0.34	< 0.5	20	34	633	5.51	< 10	1	0.43	40
M452298	9400 267	2.64	0.21	0.6	0.71	836	< 10	30	0.5	2	0.28	< 0.5	16	63	321	4.16	< 10	< 1	0.30	10
M452299	9400 267	5.28	0.66	< 0.2	1.54	22	< 10	130	0.5	8	0.26	< 0.5	11	99	150	3.61	< 10	< 1	0.80	10
M452300	9400 267	12.92	0.12	0.2	1.70	48	< 10	80	0.5	10	0.35	< 0.5	14	90	301	3.89	< 10	< 1	0.63	10
M452301	9400 267	12.76	0.81	0.2	1.83	28	< 10	80	0.5	24	0.35	< 0.5	18	72	333	5.16	< 10	< 1	0.86	10
M452302	9400 267	12.62	0.33	0.4	1.24	34	< 10	50	0.5	12	0.31	< 0.5	11	69	297	3.41	< 10	1	0.33	10
M452377	9400 267	5.48	0.03	0.2	0.51	242	< 10	80	0.5	2	0.08	< 0.5	9	52	714	1.46	< 10	< 1	0.09	80

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

ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LTD.
1016 - 510 W. HASTINGS ST.
VANCOUVER, BC
V6B 1L8

Project: GOLDEN REVENUE
Comments:

Page 2-B
Total 2
Certificate Date: 03-JUL-2001
Invoice No. 10119112
P.O. Number
Account : RCM

CERTIFICATE OF ANALYSIS A0119112

SAMPLE	PREP CODE	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
M452291	9400 267	0.40	300	1	0.01	21	760	4	1.72	34	8	7	< 0.01	< 10	< 10	20	< 10	34
M452292	9400 267	0.08	20	1	< 0.01	22	470	6	1.46	34	5	9	< 0.01	< 10	< 10	11	< 10	12
M452293	9400 267	0.17	260	18	0.01	5	210	2	0.87	8	< 1	5	< 0.01	< 10	< 10	8	< 10	14
M452294	9400 267	0.68	290	1	0.02	13	780	4	1.31	14	6	6	0.03	< 10	< 10	39	< 10	36
M452295	9400 267	1.94	295	4	0.03	17	1460	72	2.38	8	16	6	0.11	< 10	< 10	105	< 10	58
M452296	9400 267	1.08	235	3	0.03	14	800	6	2.09	8	9	6	0.04	< 10	< 10	63	< 10	22
M452297	9400 267	0.89	230	3	0.03	17	960	2	2.54	12	9	8	0.04	< 10	< 10	73	< 10	18
M452298	9400 267	0.38	265	5	< 0.01	30	740	< 2	2.15	2	5	6	0.01	< 10	< 10	36	< 10	18
M452299	9400 267	0.71	175	3	0.04	30	710	< 2	0.95	2	3	9	0.08	< 10	< 10	51	< 10	18
M452300	9400 267	1.07	205	3	0.03	33	850	2	1.17	2	7	10	0.06	< 10	< 10	78	< 10	30
M452301	9400 267	1.41	390	3	0.03	20	650	< 2	1.31	8	11	10	0.10	< 10	< 10	103	< 10	28
M452302	9400 267	1.03	200	5	0.01	19	670	2	0.98	6	6	11	0.03	< 10	< 10	60	< 10	22
M452377	9400 267	0.06	60	10	< 0.01	9	240	4	1.09	32	1	11	< 0.01	< 10	< 10	4	< 10	12

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: ATAC RESOURCES LTD.
C/O ARCHER, CATHRO & ASSOCIATES (1981) LTD.
1016 - 510 W. HASTINGS ST.
VANCOUVER, BC
V6B 1L8

Project : GOLDEN REVENUE
Comments:

Page : 1
Total : 1
Certificate Date: 02-MAR-2001
Invoice No. : I0112389
P.O. Number :
Account : RCM

CERTIFICATE OF ANALYSIS

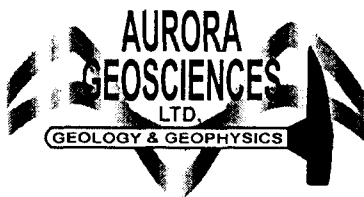
A0112389

SAMPLE	PREP CODE	WO3 %									
M452021	244 --	0.01									
M452022	244 --	0.02									
M452023	244 --	< 0.01									
M452024	244 --	< 0.01									
M452025	244 --	< 0.01									
M452026	244 --	0.01									
M452027	244 --	< 0.01									
M452028	244 --	0.01									
M452029	244 --	0.01									
M452030	244 --	0.01									
M452037	244 --	< 0.01									
M452038	244 --	< 0.01									
M452039	244 --	< 0.01									
M452040	244 --	0.28									
M452041	244 --	0.06									
M452042	244 --	0.01									
M452043	244 --	0.01									
M452044	244 --	0.00									
M452109	244 --	0.06									
M452110	244 --	0.04									
M452111	244 --	0.07									
M452112	244 --	0.10									
M452113	244 --	0.11									
M452114	244 --	0.02									
M452115	244 --	0.09									
M452116	244 --	0.03									
M452117	244 --	0.01									
M452118	244 --	< 0.01									
M452129	244 --	0.02									
M452130	244 --	0.01									
M452131	244 --	0.02									
M452132	244 --	0.15									
M452133	244 --	0.10									
M452134	244 --	0.12									
M452135	244 --	0.04									

CERTIFICATION:

APPENDIX V

FIELD REPORT – GOLDEN REVENUE GEOPHYSICAL SURVEYS



Whitehorse Office
Suite #11 & 12
4078 - 4th Avenue
Phone (867) 668-7672
Fax: (867) 393-3577

Box 31097
Whitehorse, YT Y1A 5P7
www.aurorageosciences.com
aurora@klondiker.com

MEMORANDUM

To: Doug Eaton
ATAC Resources Ltd.

Date: 05 Sep 2001

From: Mike Power

Re: Field Report - Golden Revenue Geophysical Surveys

This memorandum is a field report describing the induced polarization and resistivity (IP) and horizontal loop electromagnetic (HLEM) surveys conducted on the Golden Revenue Property from June 17 to 27, 2001 and from August 21 to 27, 2001. The purpose of the surveys was to locate intrusive hosted or related gold mineralization on the property. The scope of this report is confined to a description of crew, equipment, and data collection procedures, processing and formats.

a. Personnel and equipment. IP and HLEM surveys were performed from June 17 to 27, 2001 by the following personnel:

Mike Power	Geophysicist / Crew chief
Susanne Aichele	Technician
Morris Skookum	Helper
Vince Augustine	Helper

IP surveys were performed from August 21 to 27, 2001 by the following personnel:

Mike Power	Geophysicist / Crew chief
Scott Casselman	Technician
Morris Skookum	Helper
Peter Malacarne	Helper

The crew was equipped with the following instruments and equipment:

IP Surveys

<u>Transmitter:</u>	IRIS VIP-3000 transmitter
<u>Receiver:</u>	IRIS IP-6 digital 6-channel IP receiver.
<u>Other equipment:</u>	4 km 16 gauge wire in good repair, breast reels and speedy winders, stainless steel electrodes, VHF radios, 50 m 6-channel receiver cables, miscellaneous equipment, F150 4WD supercab.
<u>Data processing:</u>	P-866 laptop computer, colour printer. Plotting with Geopak IPSECT. Proprietary conversion software used to produce Geosoft format data. Full inversion of the data was performed with the UBC 2D resistivity and IP inversion software package.

HLEM Surveys

<u>Instruments:</u>	Apex Parametrics MaxMin I-10 MMC data recording computer

b. Survey specifications. The following survey specifications were used in the surveys:

INDUCED POLARIZATION

<u>Array:</u>	Dipole-dipole
<u>Dipole spacing:</u>	50 m
<u>Separations read:</u>	n=1 to 6
<u>Tx mode / signal:</u>	Standard time domain signal (2 s +on, 2 s off, 2 s -on, 2 s off)
<u>Receiver sampling:</u>	Logarithmic sampling of the decay curve, stacked minimum 15 times.
<u>Parameters read:</u>	M_t - total chargeability (ms) R_o - apparent resistivity M_1 to M_{10} - 10 channel samples of decay curve

V_p - Primary voltage
 Sp - spontaneous potential
 E - error in chargeability (ms)

Noise: Standard deviation of the chargeability to be kept to 5 ms or less wherever possible.

Other: Station-to-station terrain slopes were recorded with a clinometer and used to determine apparent elevations

Coverage: L9700N - L11000N (100 m intervals)

HORIZONTAL LOOP ELECTROMAGNETIC SURVEY

Coil spacing: 200 m

Station spacing: 50 m

Frequencies: 220, 880, 3520, 7040 Hz

Corrections: Slope-chain method; station to station slopes were recorded in the MMC, the coils held at the calculated intercoil tilt and subsequent corrections for short coiling were performed using software.

Coverage: L10300N

c. Data processing and plotting. The following data processing was performed:

HLEM Surveys

1. Data was corrected for chainage (short coiling) errors induced by topography using Apex Parametrics MMFIX1 software.
2. Data was plotted in a single stacked profile at 1:5000.

IP Surveys

1. Dumped data was converted to Geosoft (.gsf) format using Aurora's IP6V9-4N software.
2. The .gsf file was edited to remove duplicates and readings with excessive errors.
3. The IP / resistivity data was plotted in composite pseudosections showing, from top

to bottom, error in chargeability, apparent chargeability and apparent resistivity. All pseudosections are at 1:4,000.

4. The slopes and a single GPS elevation taken at the start of the survey line were used to calculate apparent station elevations in an elevation file.

5. The elevation data together with the IP and resistivity data was inverted using the UBC-GIF IP inversion package. Default errors were used to invert the resistivity data as there was essentially negligible error in the Vp voltages. The standard deviation of the chargeability measurements were used as estimates of error to invert the IP data. The program was run until results with acceptable fits were achieved. These models were viewed as images and transferred to inversion summary sheets which were in turn printed.

d. Results. The following products are attached to this report:

Digital data on CD-ROM
(dump / corrected data files / inversion files)

Stacked profile of the HLEM survey

Pseudosections of the IP/resistivity data at 1:5,000

Results of the IP inversion showing best-fit resistivity and IP models.

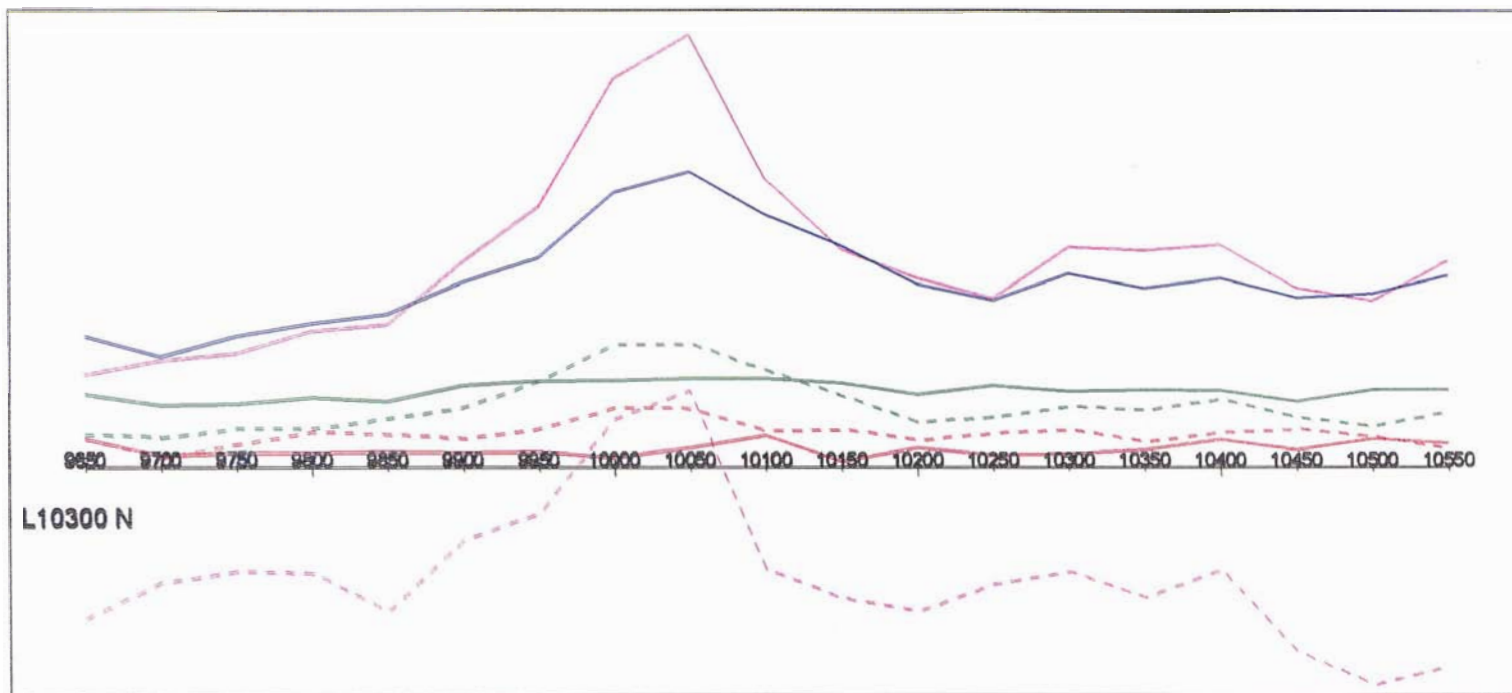
Preliminary results suggest that the HLEM survey was capable of detecting the main zone hosting the mineralization as a wide and very deep conductor but the data provides little additional information. The chargeability and resistivity models produced by the UBC inversion program should be examined together with the available geology to determine the utility of these surveys in identifying prospective drill targets.

Respectfully submitted,
AURORA GEOSCIENCES LTD.



Mike Power
Geophysicist

/attach.



HLEM STACKED PROFILES

220 Hz - red
 880 Hz - green
 3520 Hz - blue
 7040 Hz - magenta

INPHASE - solid
 QUADRATURE - dashed

Scale 1:5000
 50 0 50 100 150
 metres

ATAC RESOURCES LTD.

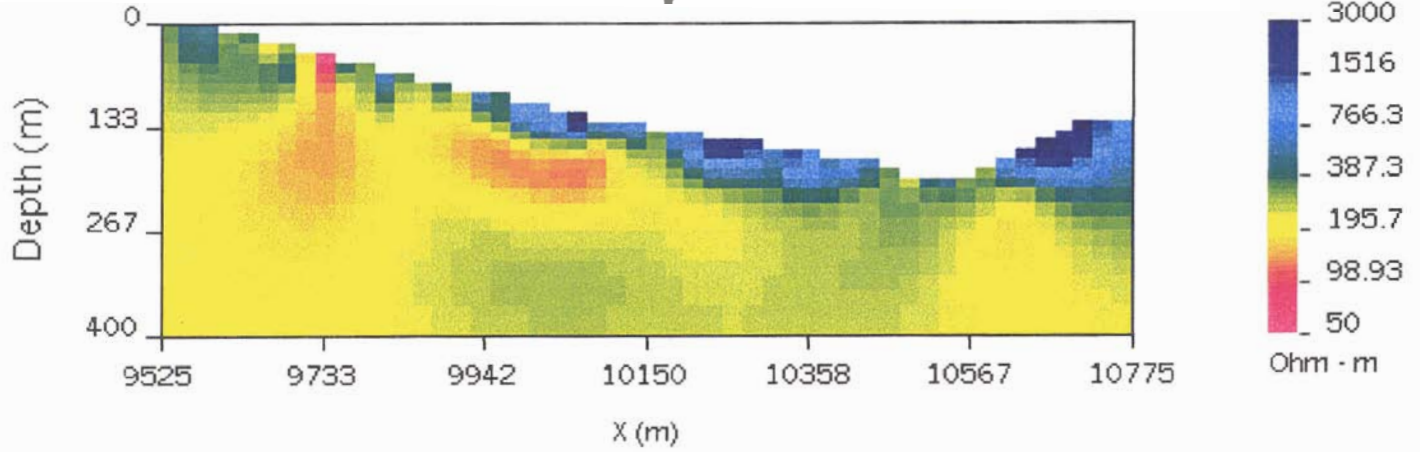
Golden Revenue Property
MaxMin I-10 Survey - L10300E (Nucleus)
200 m coils - 220 / 880 / 3520 / 7040 Hz

NTS:
 Date: 17 Jun 01

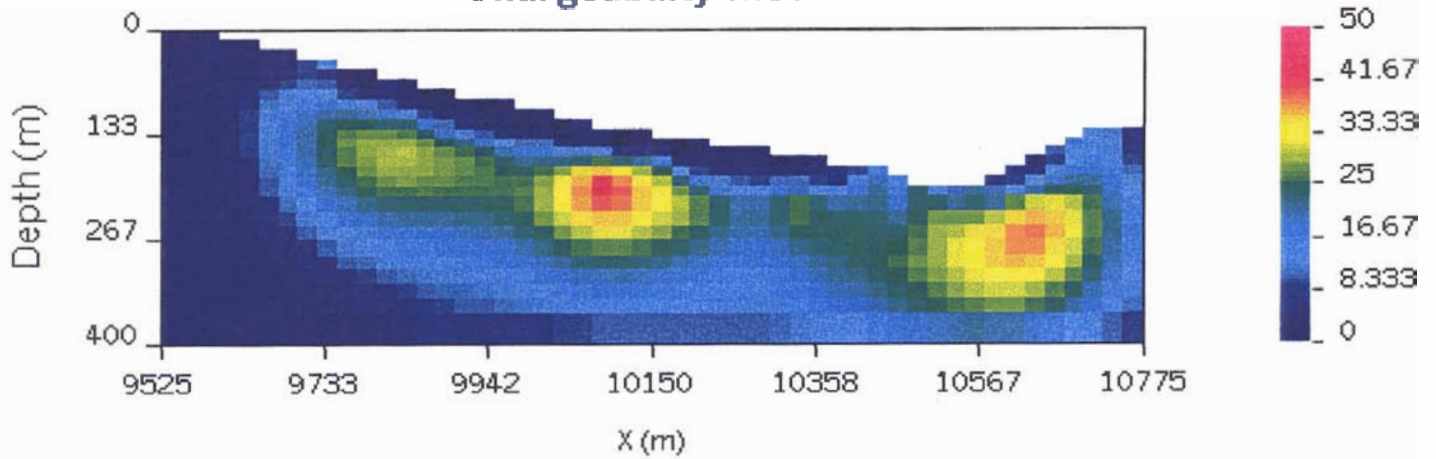
Datum: Local
 District: Whitehorse

AURORA GEOSCIENCES LTD.

Resistivity Model

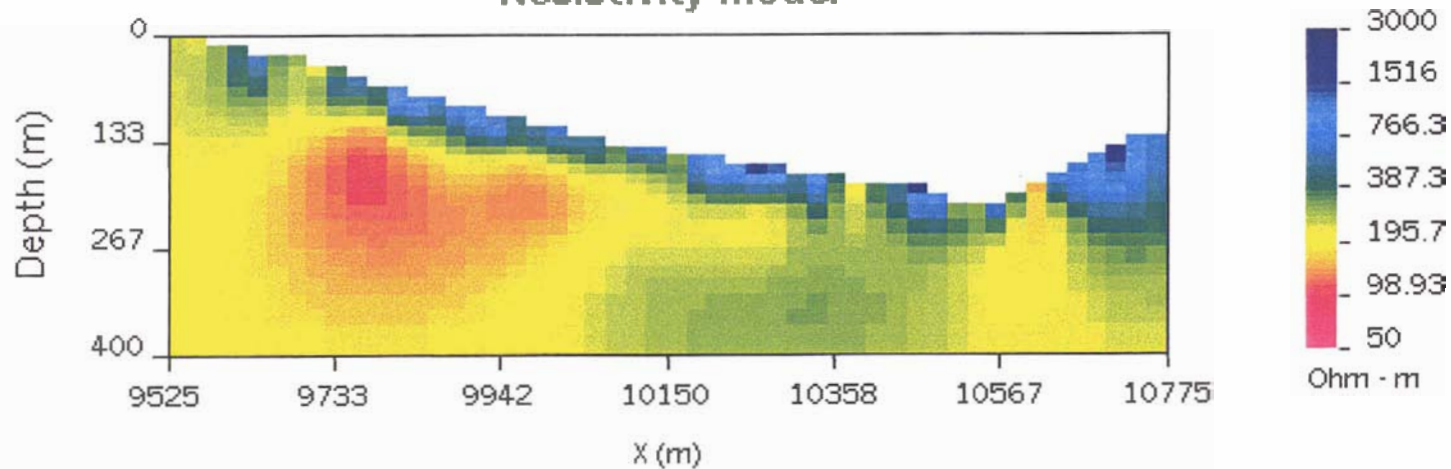


Chargeability Model

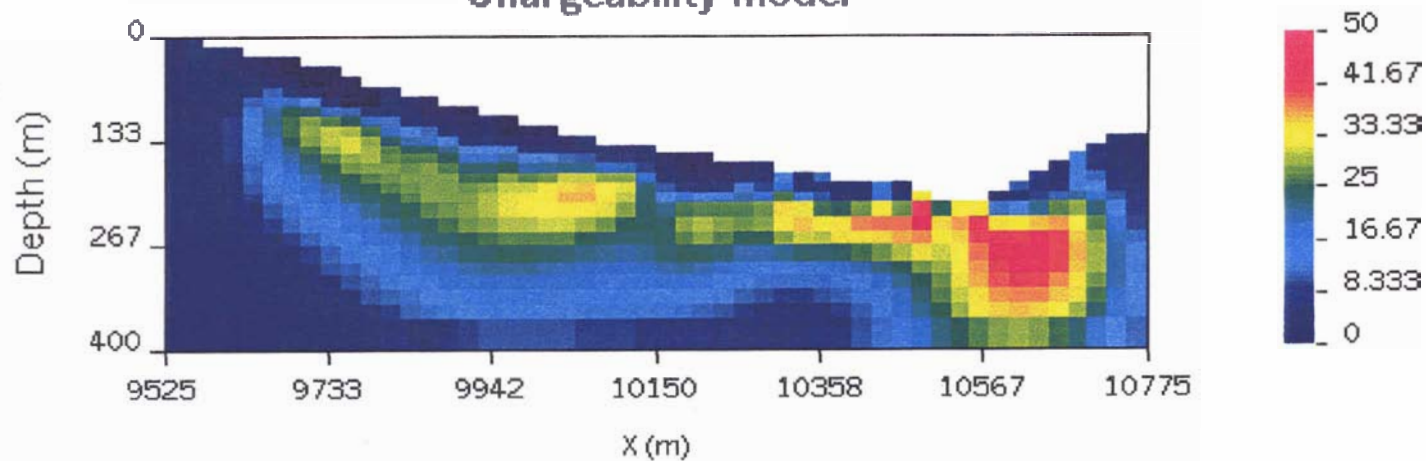


INVERSION RESULTS – L9700N

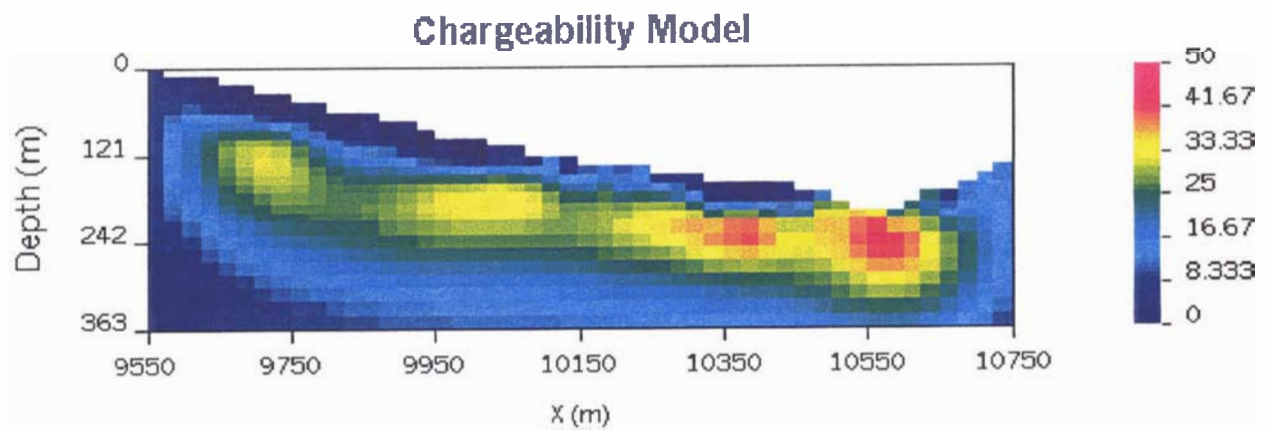
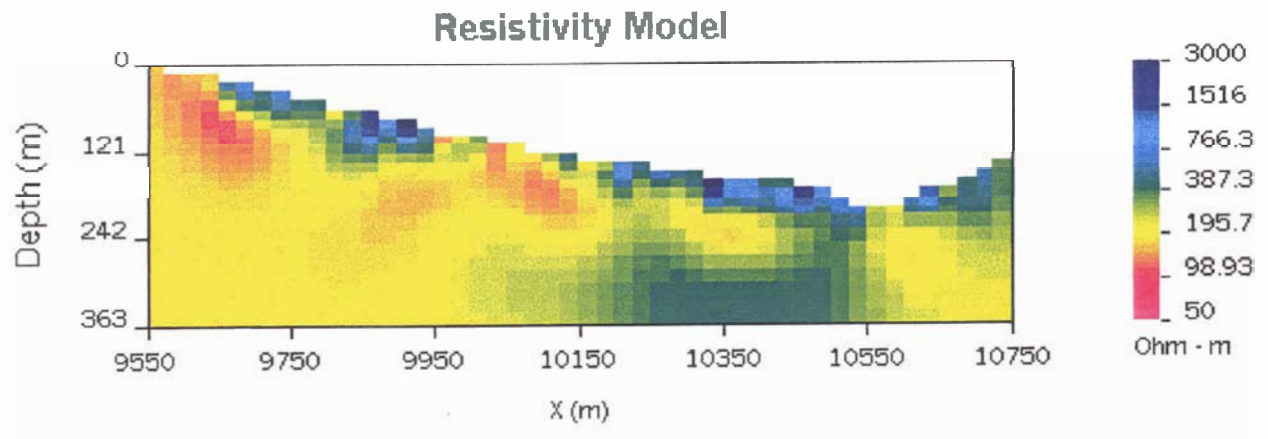
Resistivity Model



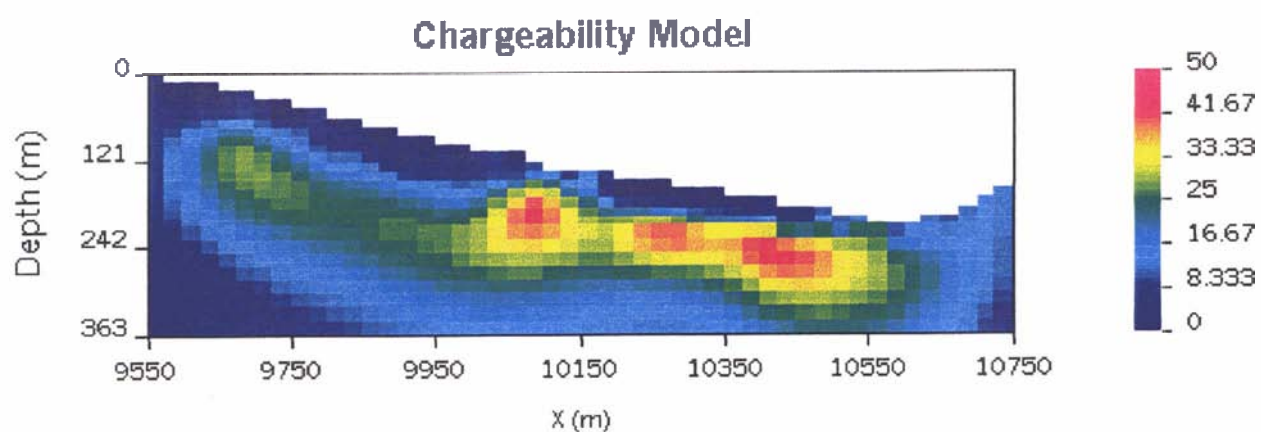
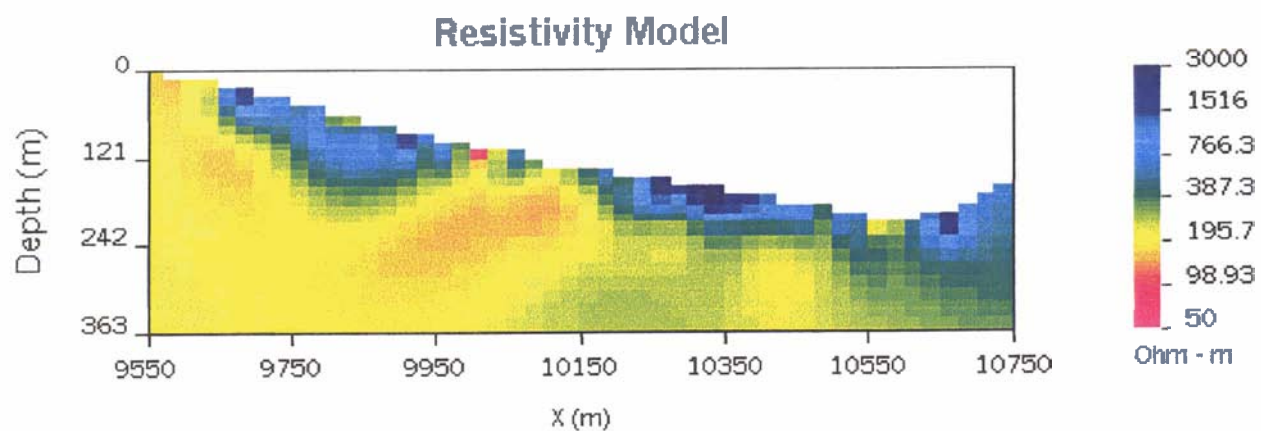
Chargeability Model



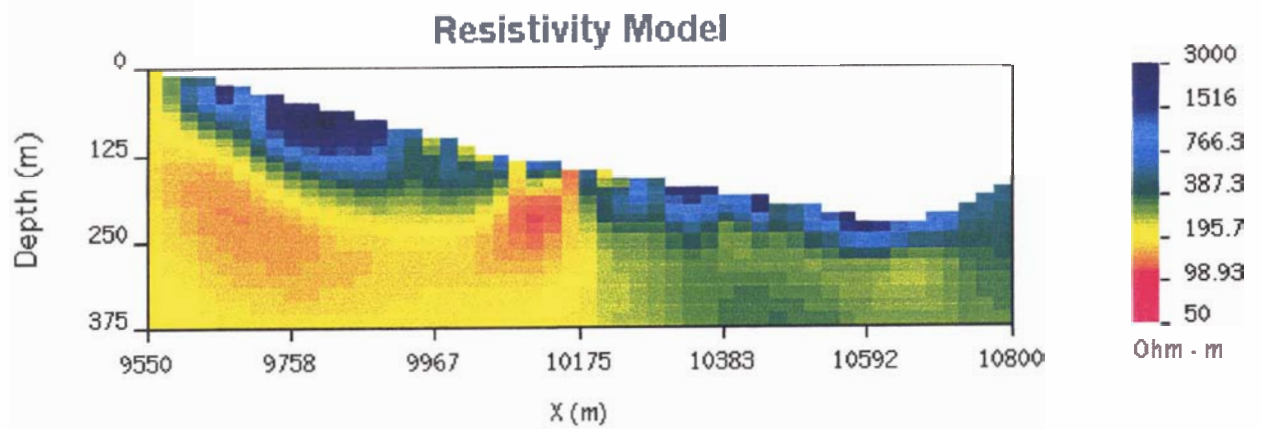
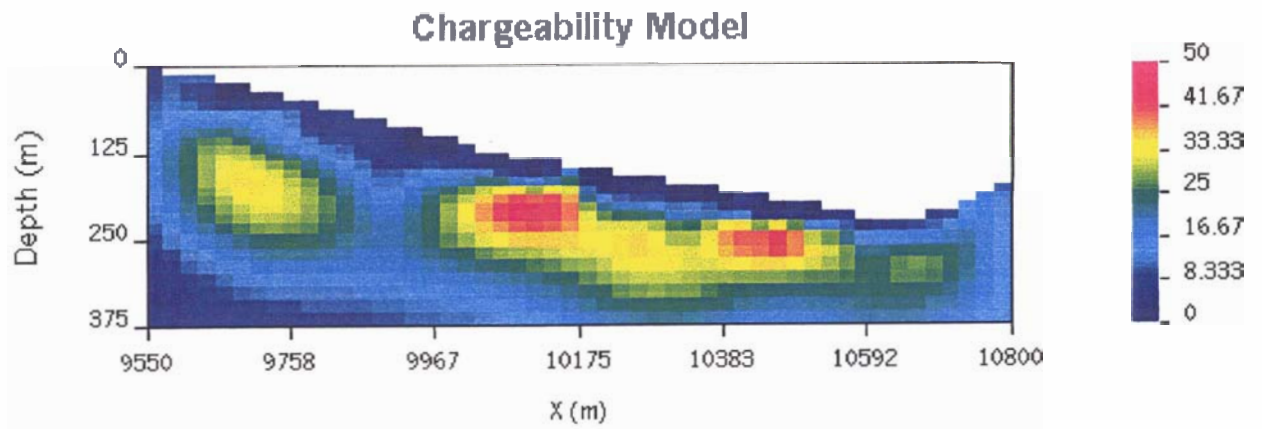
INVERSION RESULTS – L9800N



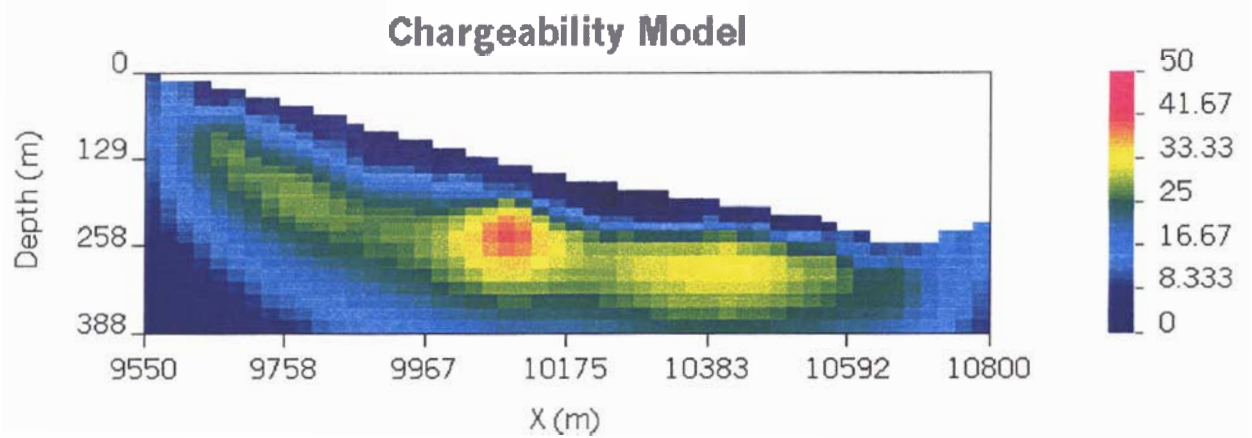
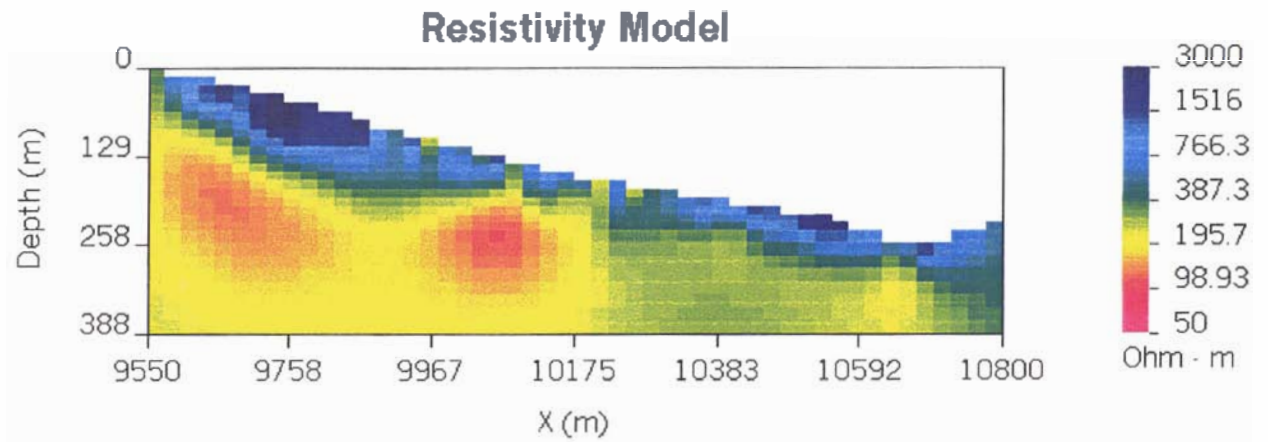
Inversion results – L9900N



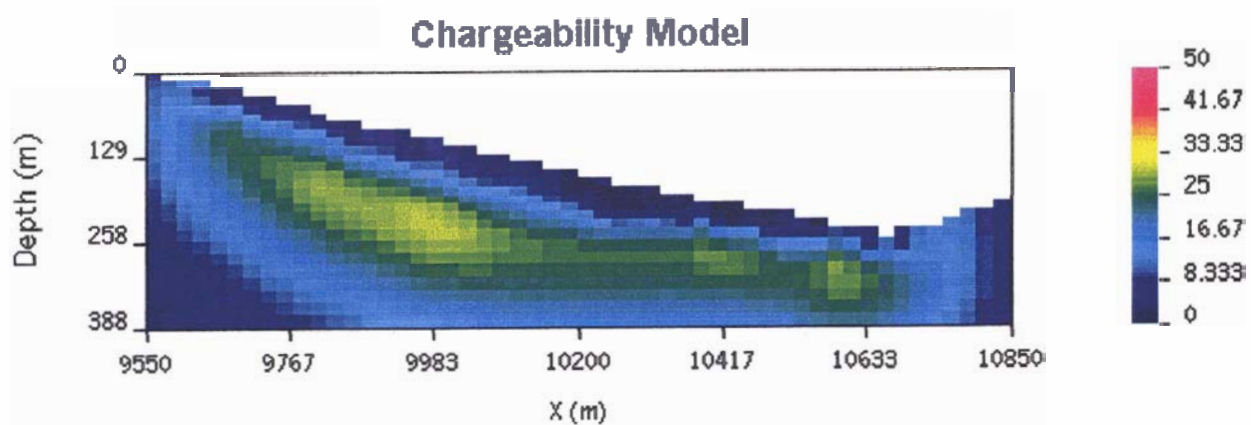
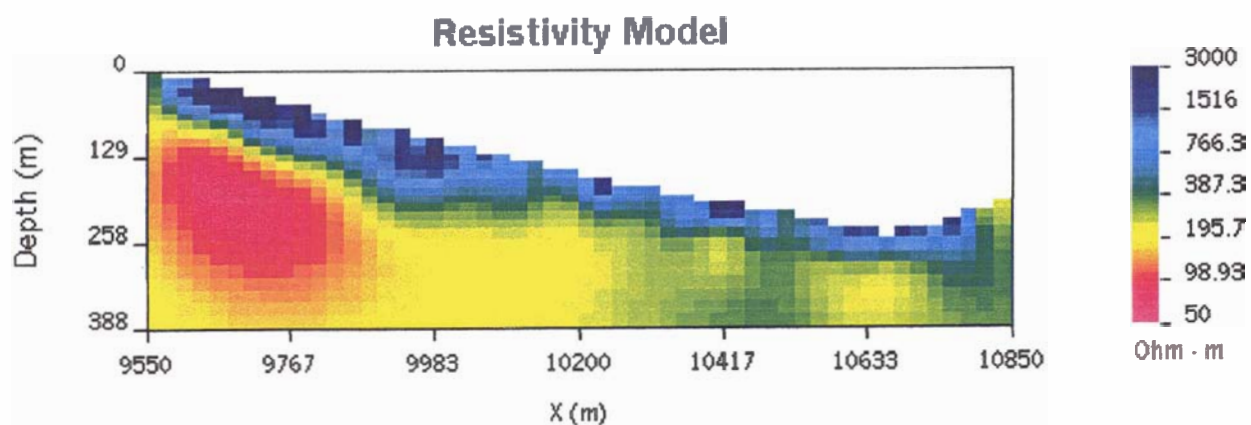
Inversion results – L10000N



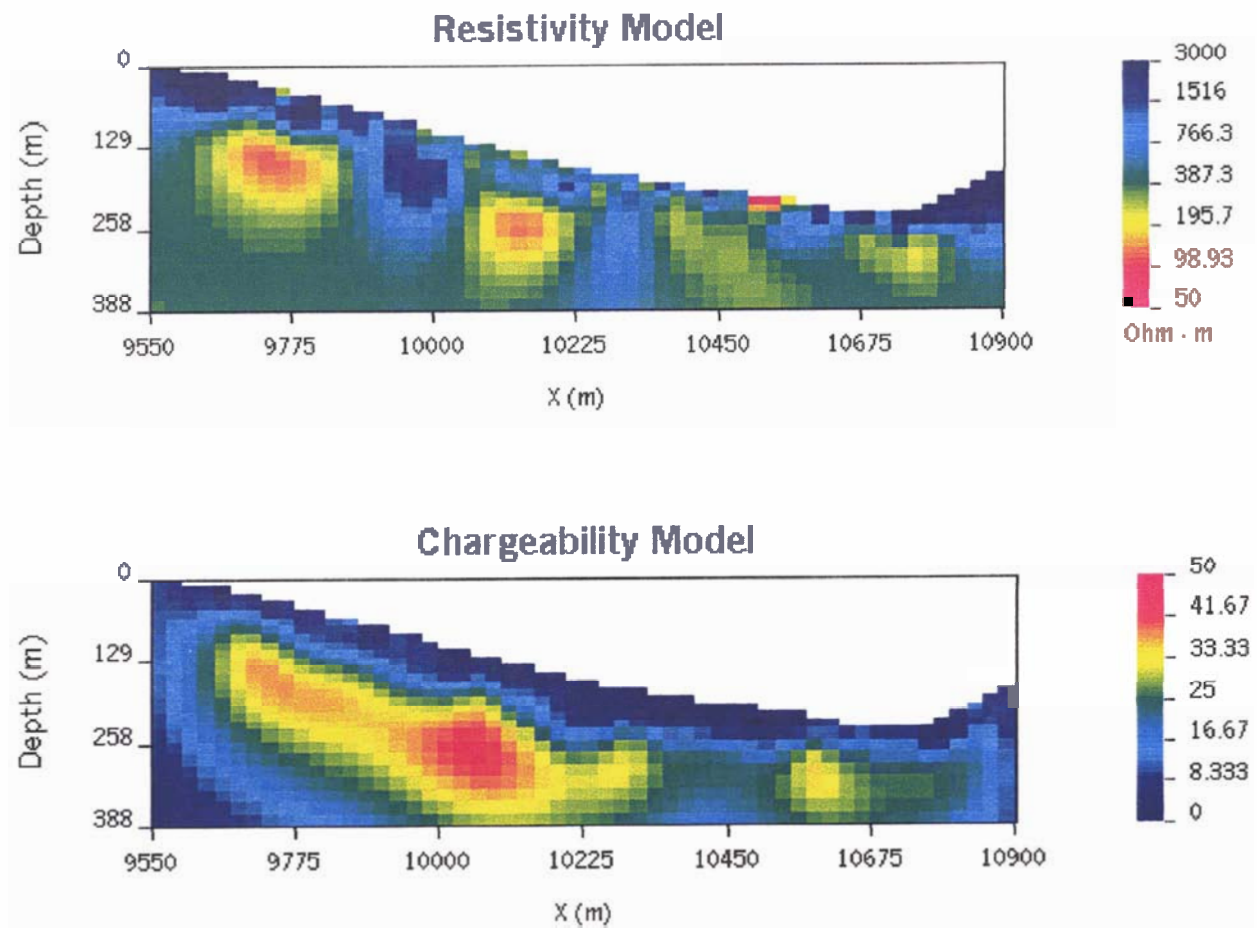
Inversion results – L10100N



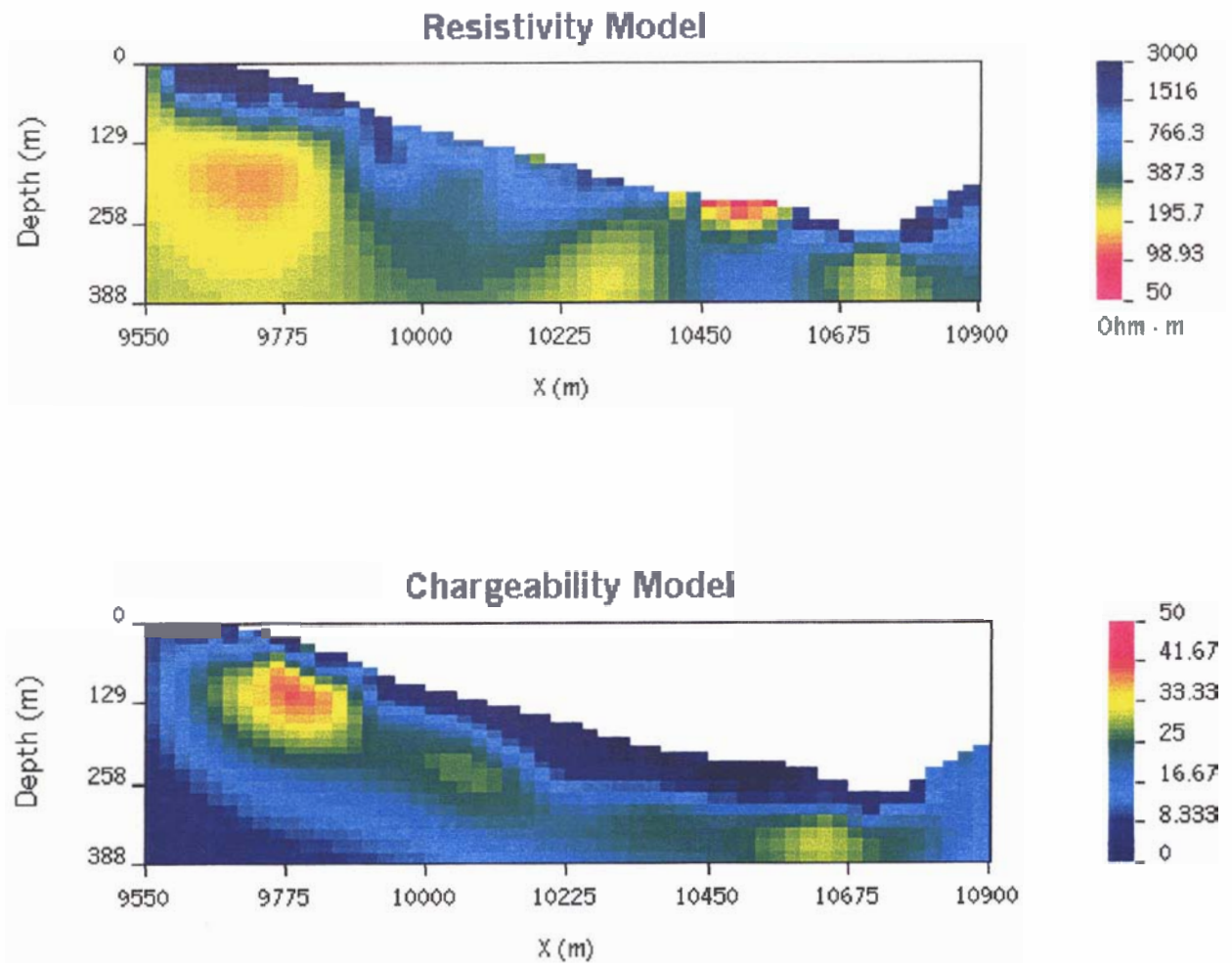
Inversion results for L10200N.



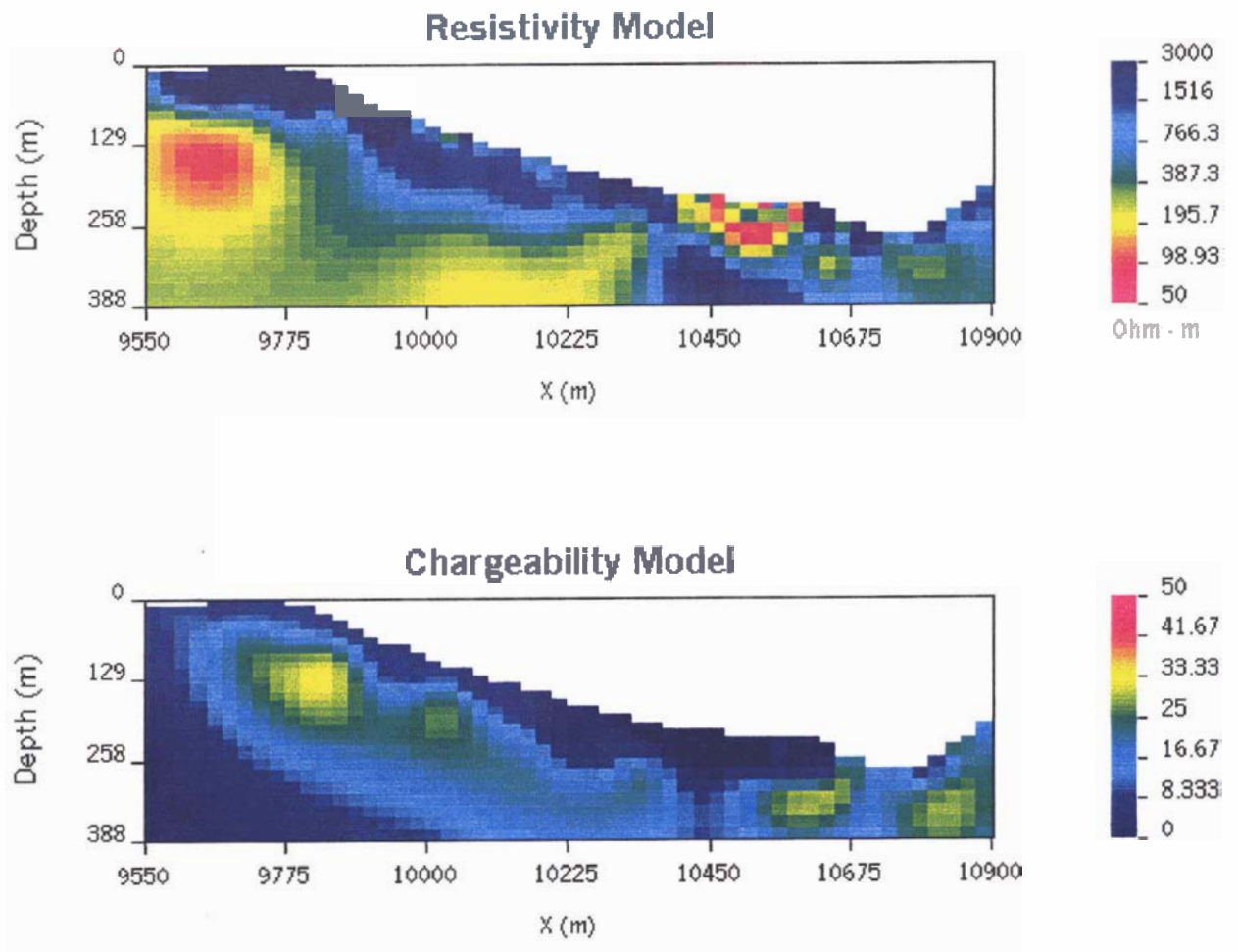
Inversion results – L10300N



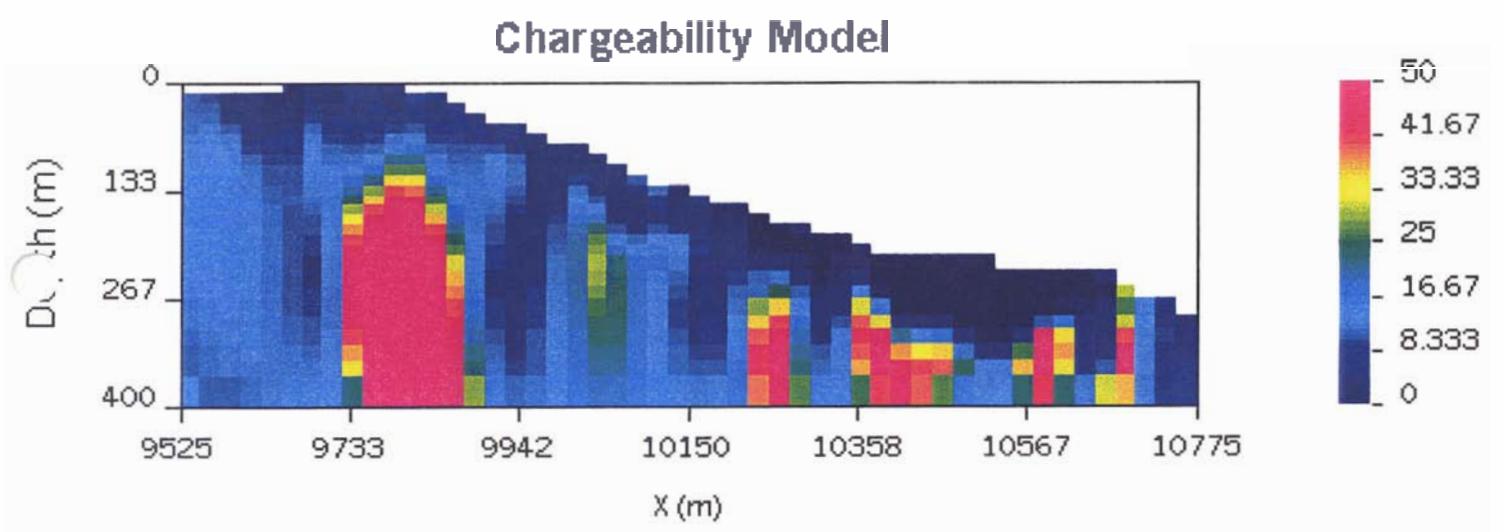
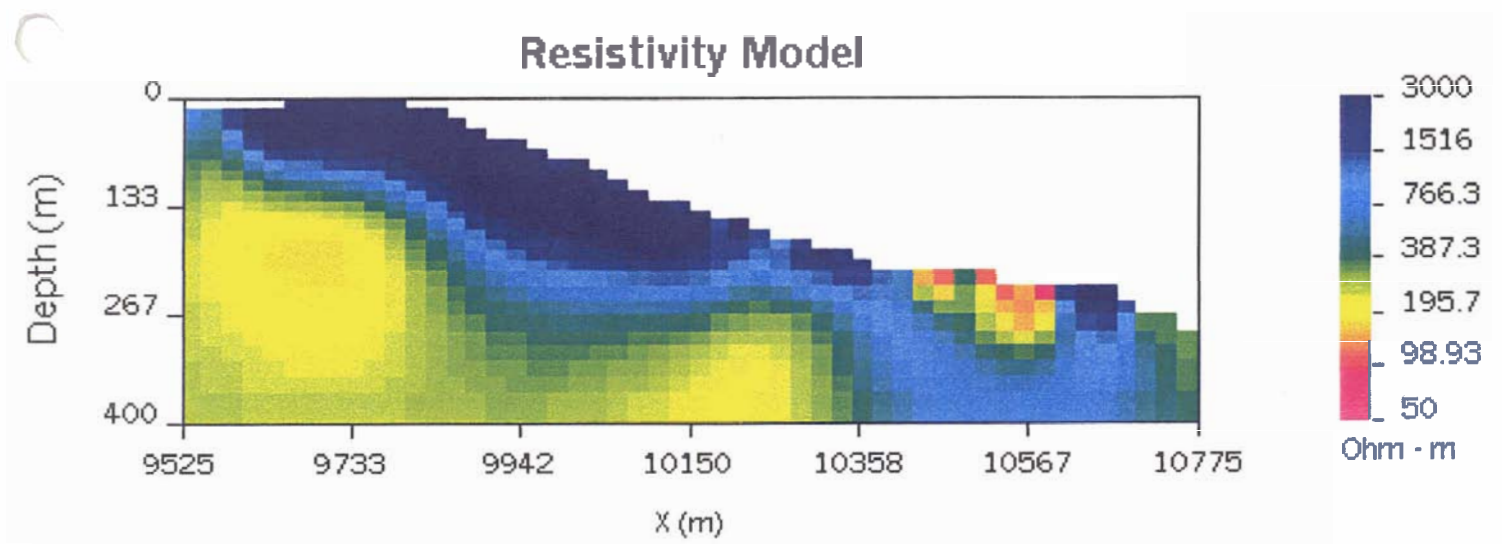
Inversion results – L10400N



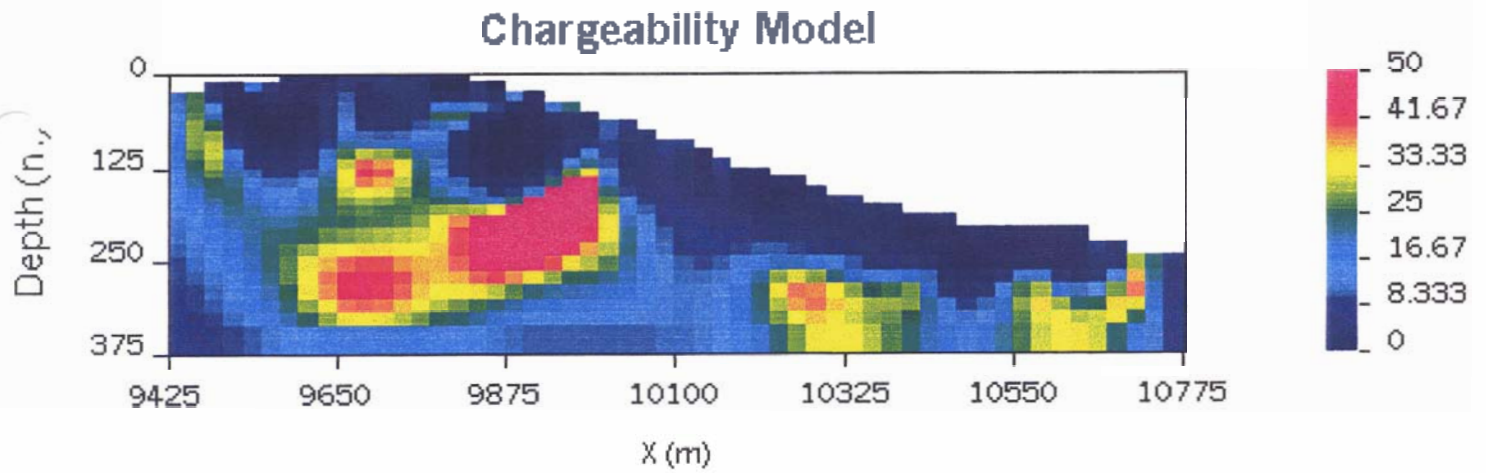
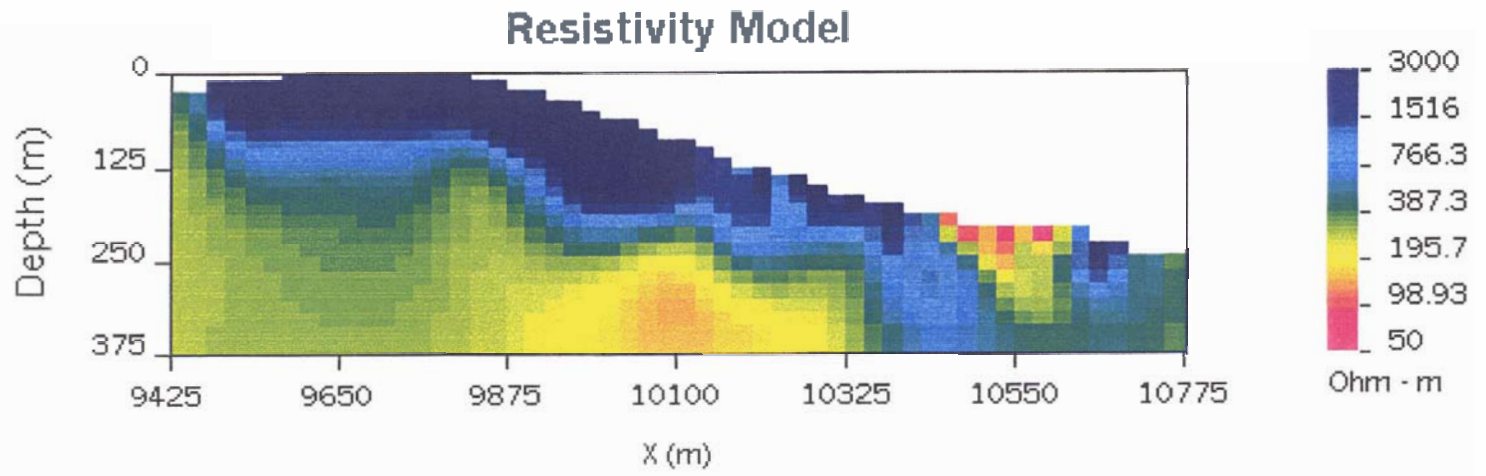
Inversion results – L10500N



Inversion results – L10600N

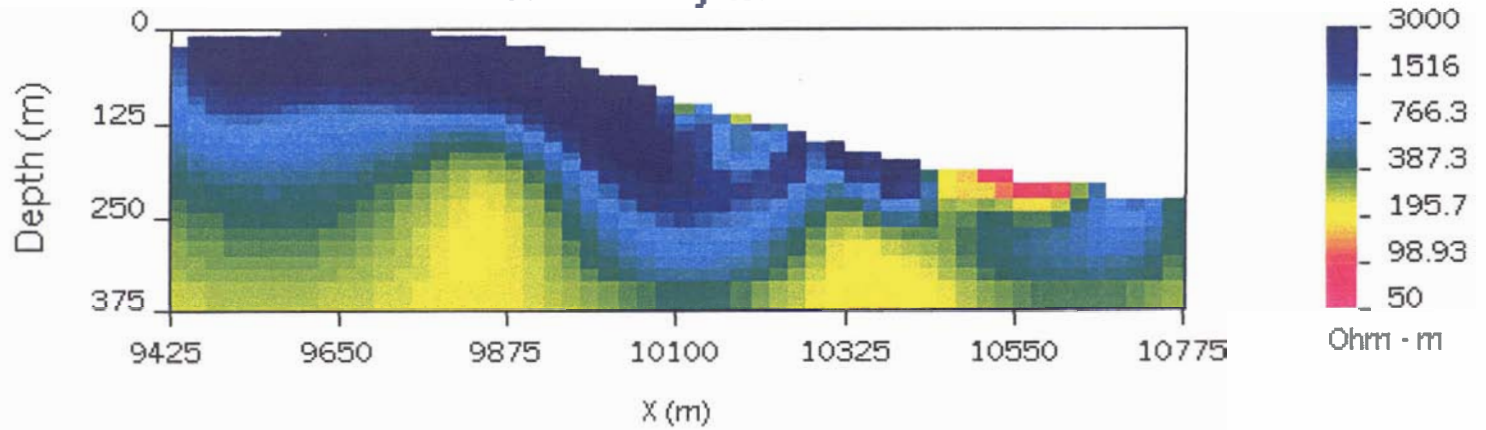


INVERSION RESULTS – L10700N

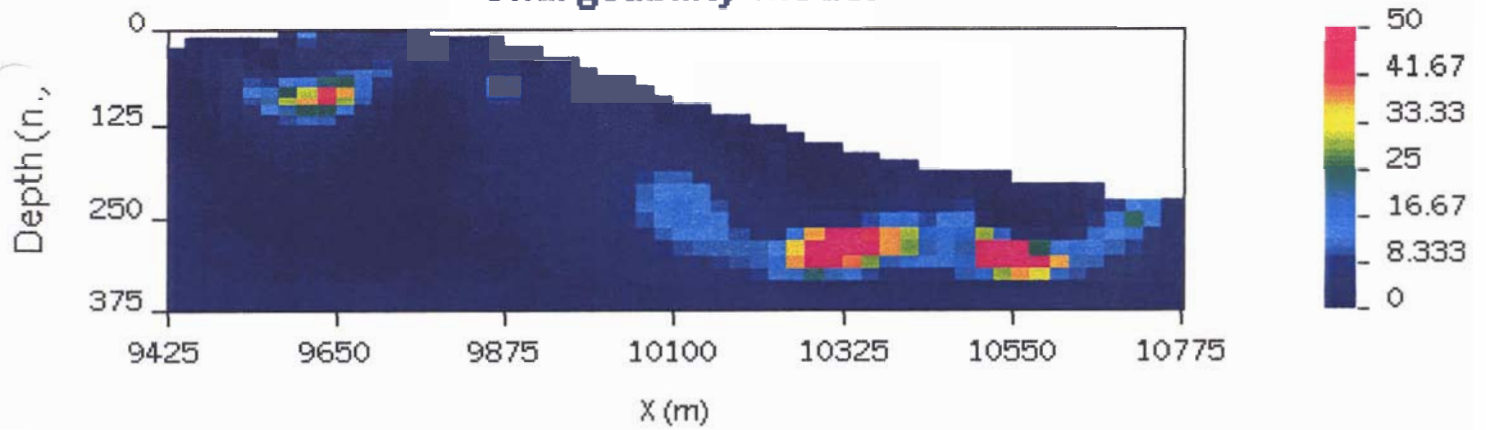


INVERSION RESULTS – L10800N

Resistivity Model

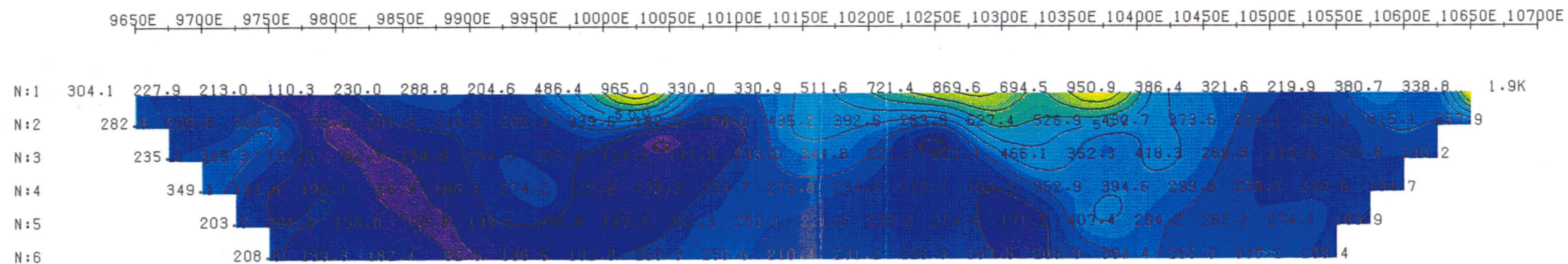


Chargeability Model

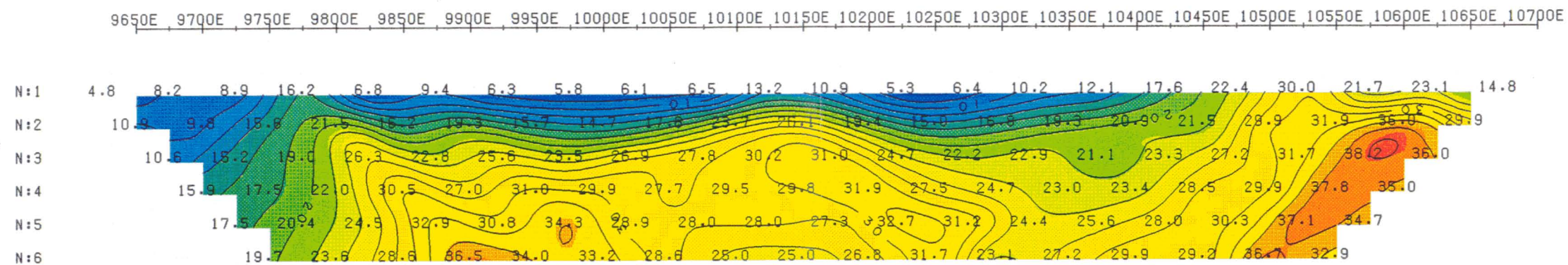


INVERSION RESULTS – L10900N

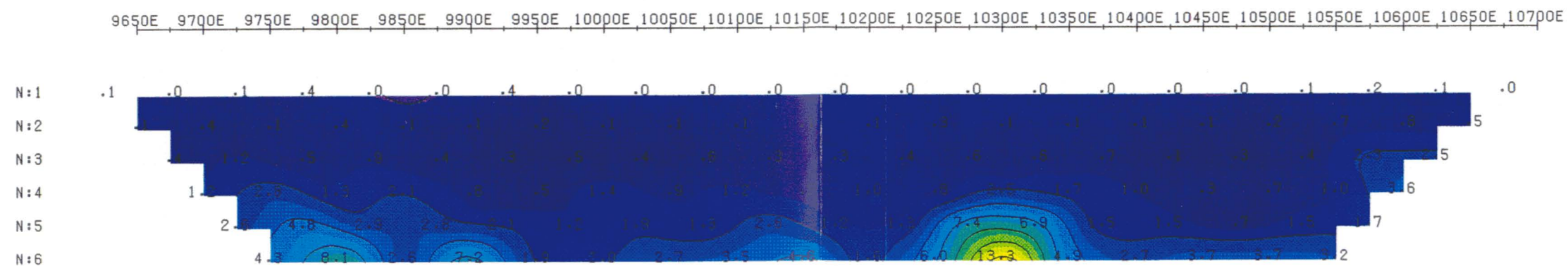
Resistivity
(Ohm-m)



Chargeability
(mV/V)



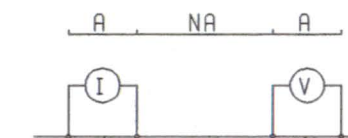
Error
(mV/V)



LINE : 9700 N

INDUCED POLARIZATION SURVEY

DIPOLE-DIPOLE ARRAY



DEPTH POINT

N = 1, 2, 3, 4, ...

"A" SPACING = 50.0 METRES

094256

ATAC RESOURCES LTD.

GOLDEN REVENUE PROPERTY

NUCLEUS GRID

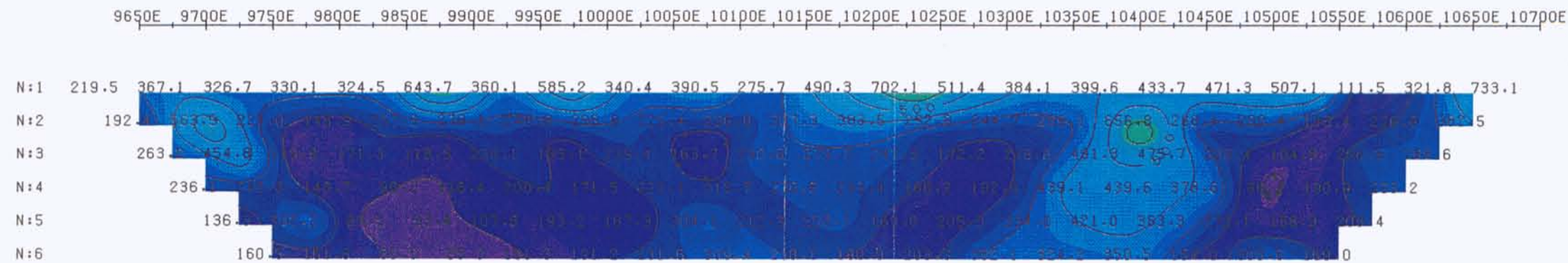
DATE : 05 SEP 01

REF : ATAC-114-YT

SCALE = 1 : 4000

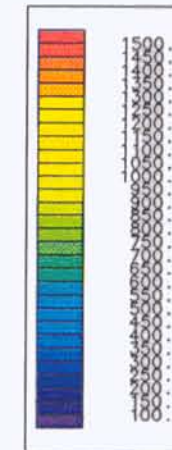
AURORA GEOSCIENCES LTD.

Resistivity
(Ohm-m)

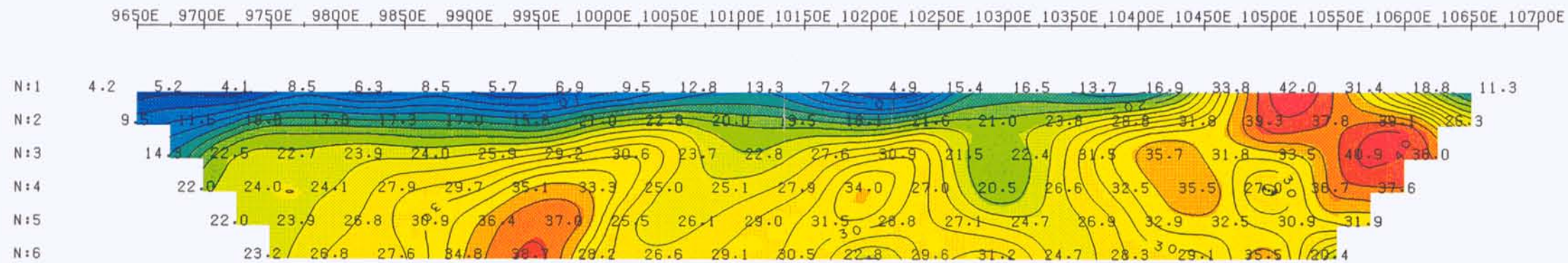


R/

N:1
N:2
N:3
N:4
N:5
N:6

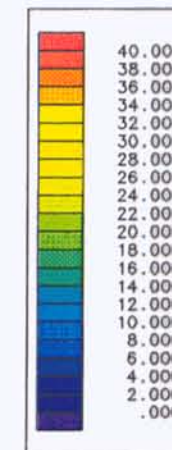


Chargeability
(mV/V)

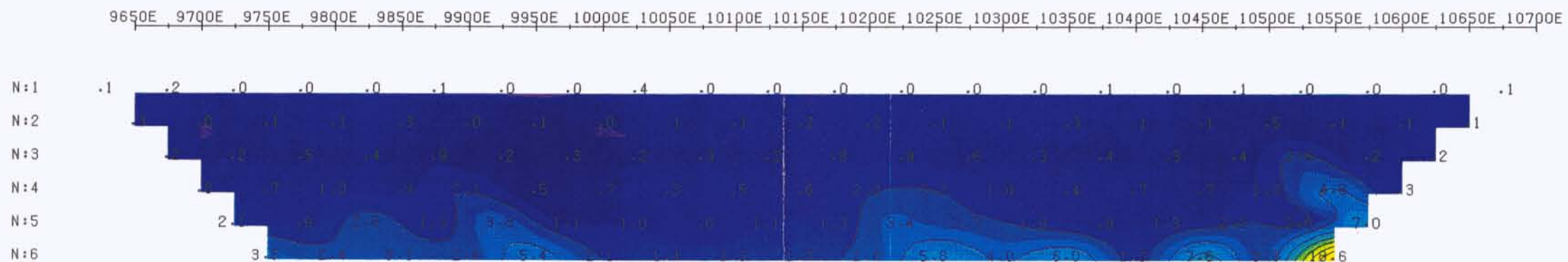


M4

N:1
N:2
N:3
N:4
N:5
N:6

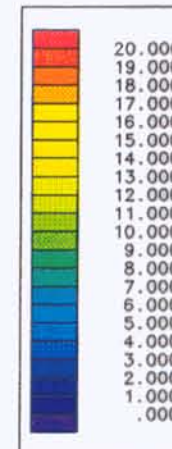


Error
(mV/V)



E

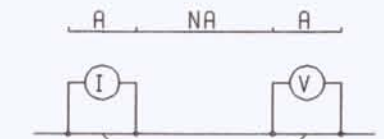
N:1
N:2
N:3
N:4
N:5
N:6



LINE : 9800 N

INDUCED POLARIZATION SURVEY

DIPOLE-DIPOLE ARRAY



DEPTH POINT

N = 1, 2, 3, 4, ...

"A" SPACING = 50.0 METRES

094256

ATAC RESOURCES LTD.

GOLDEN REVENUE PROPERTY

NUCLEUS GRID

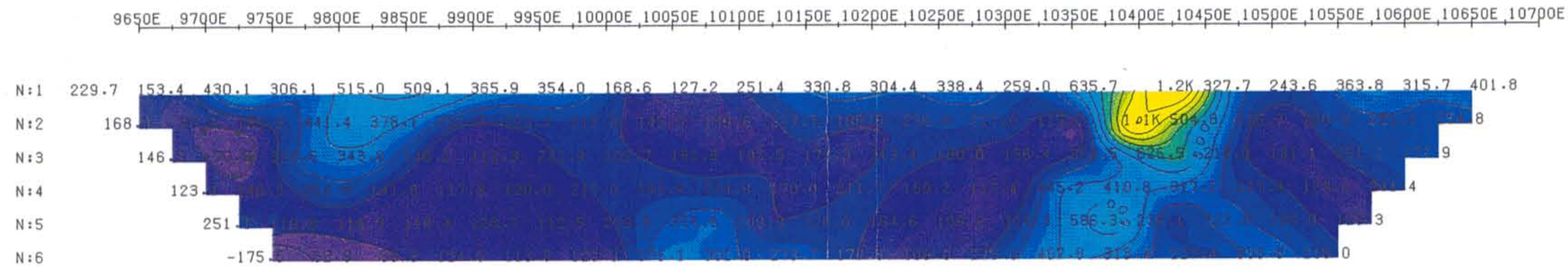
DATE : 05 SEP 01

REF : ATAC-114-YT

SCALE = 1 : 4000

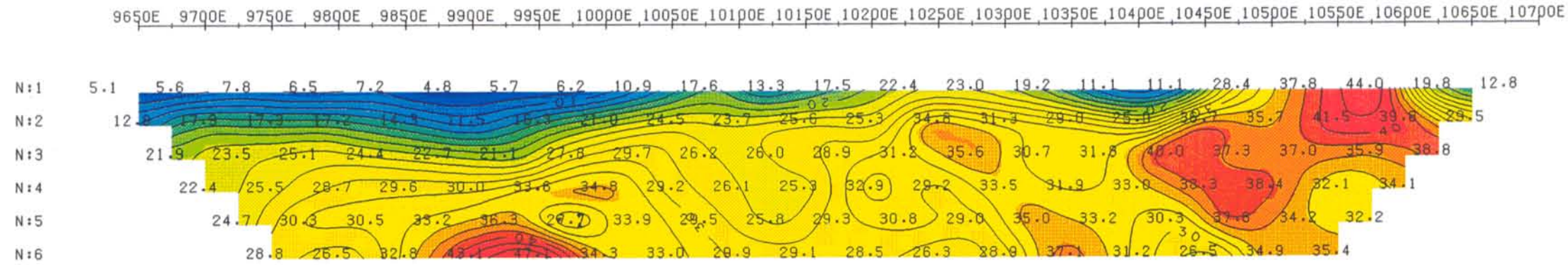
AURORA GEOSCIENCES LTD.

Resistivity
(Ohm-m)



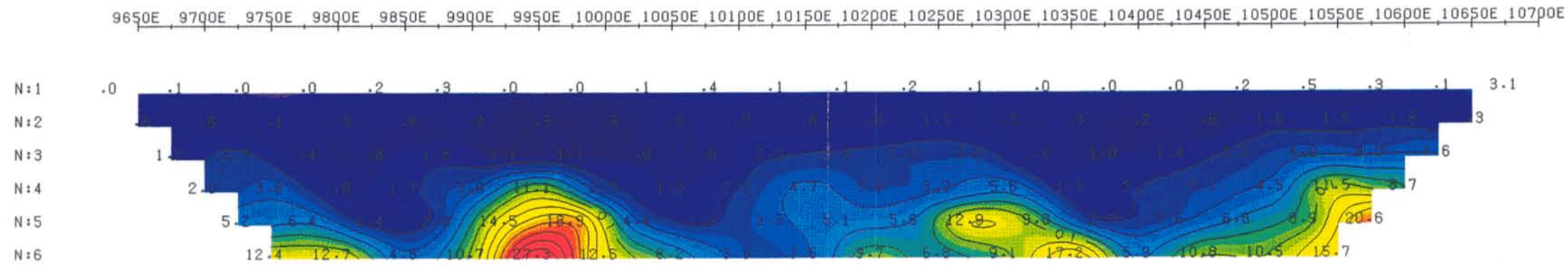
R/
N:1
N:2
N:3
N:4
N:5
N:6

Chargeability
(mV/V)



M4
N:1
N:2
N:3
N:4
N:5
N:6

Error
(mV/V)

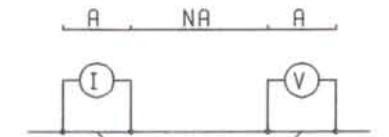


E
N:1
N:2
N:3
N:4
N:5
N:6

LINE : 9900 N

INDUCED POLARIZATION SURVEY

DIPOLE-DIPOLE ARRAY



DEPTH POINT
N = 1, 2, 3, 4, ...
"A" SPACING = 50.0 METRES

094256

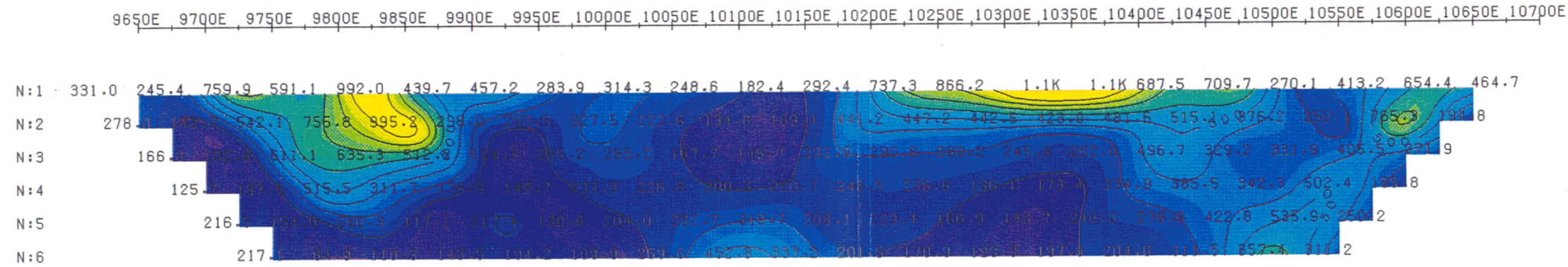
ATAC RESOURCES LTD.
GOLDEN REVENUE PROPERTY
NUCLEUS GRID

DATE : 05 SEP 01 REF : ATAC-114-YT

SCALE = 1 : 4000

AURORA GEOSCIENCES LTD.

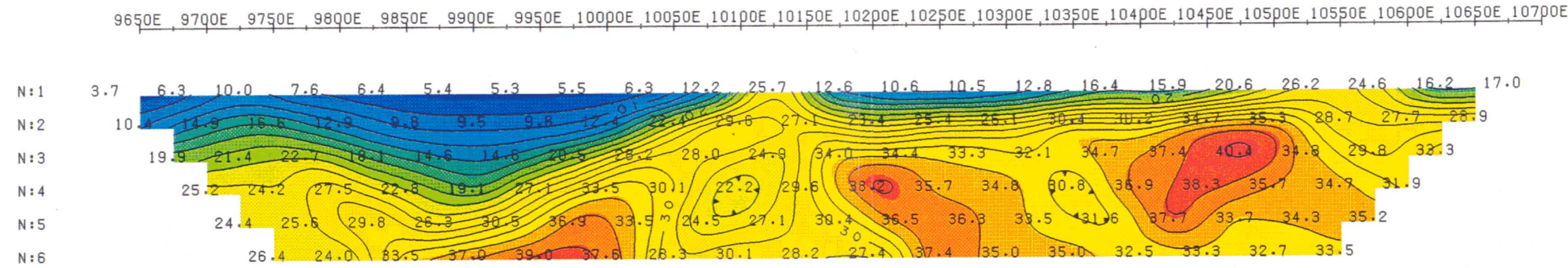
Resistivity
(Ohm-m)



R/

N:1
N:2
N:3
N:4
N:5
N:6

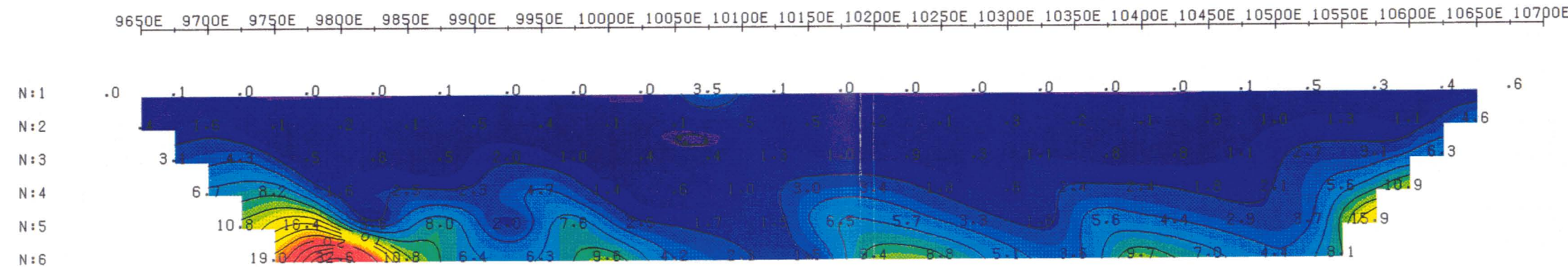
Chargeability
(mV/V)



M4

N:1
N:2
N:3
N:4
N:5
N:6

Error
(mV/V)



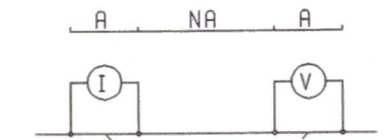
E

N:1
N:2
N:3
N:4
N:5
N:6

LINE : 10000 N

INDUCED POLARIZATION SURVEY

DIPOLE-DIPOLE ARRAY



DEPTH POINT

N = 1, 2, 3, 4, ...

"A" SPACING = 50.0 METRES

094256

ATAC RESOURCES LTD.

GOLDEN REVENUE PROPERTY

NUCLEUS GRID

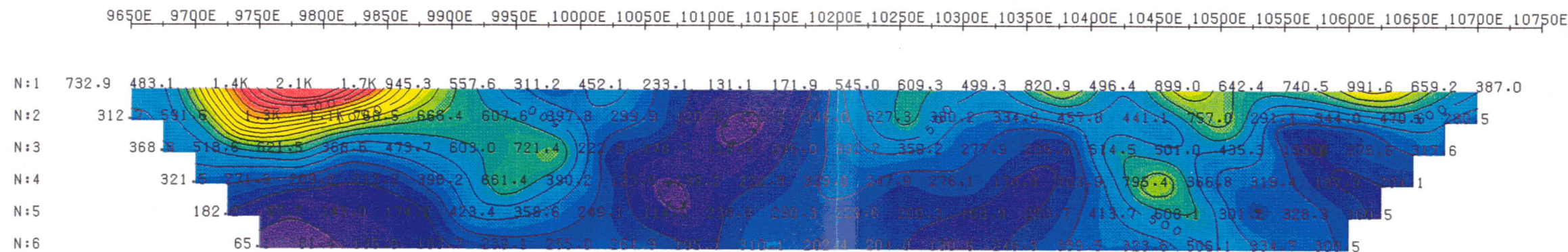
DATE : 05 SEP 01

REF : ATAC-114-YT

SCALE = 1 : 4000

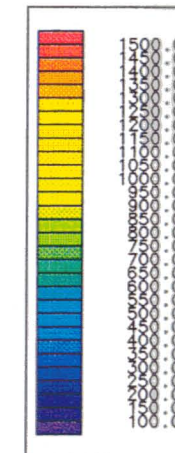
AURORA GEOSCIENCES LTD.

Resistivity
(Ohm-m)

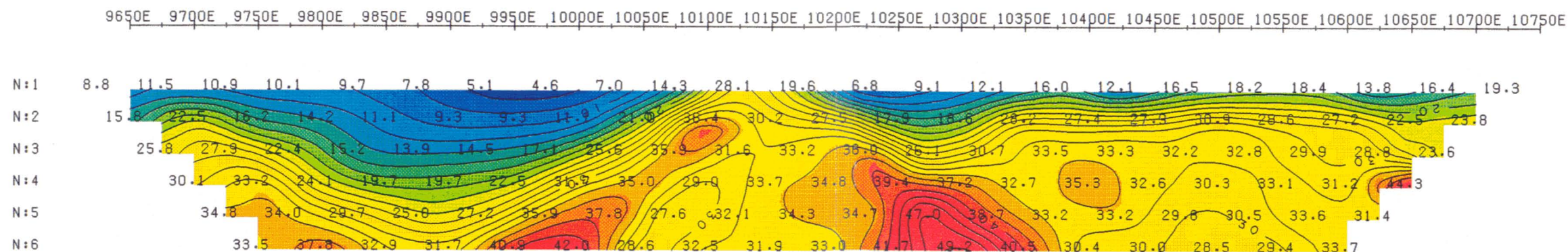


R/

N:1
N:2
N:3
N:4
N:5
N:6

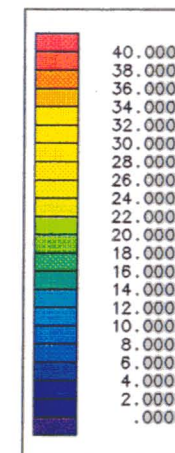


Chargeability
(mV/V)

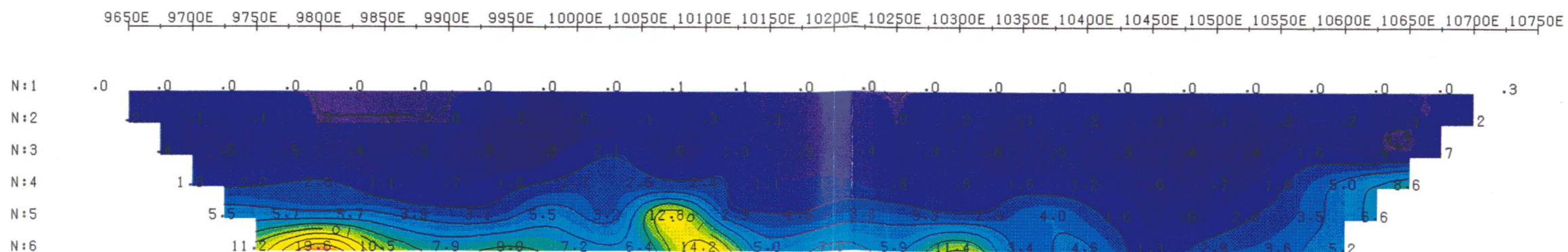


M4

N:1
N:2
N:3
N:4
N:5
N:6

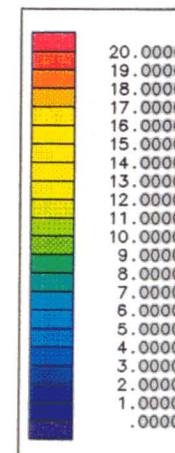


Error
(mV/V)



E

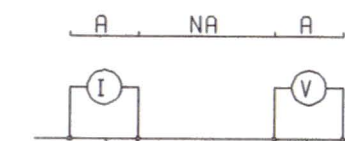
N:1
N:2
N:3
N:4
N:5
N:6



LINE : 10100 N

INDUCED POLARIZATION SURVEY

DIPOLE-DIPOLE ARRAY



DEPTH POINT

N = 1, 2, 3, 4, ...

"A" SPACING = 50.0 METRES

094256

ATAC RESOURCES LTD.

GOLDEN REVENUE PROPERTY

NUCLEUS GRID

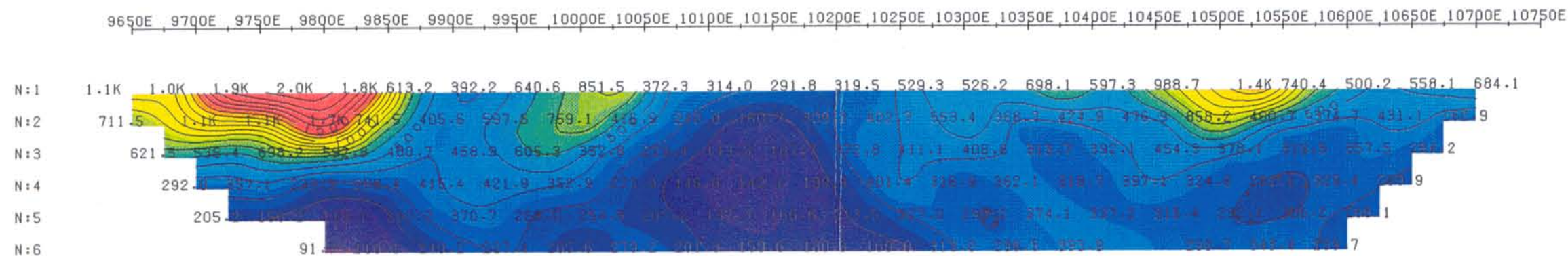
DATE : 05 SEP 01

REF : ATAC-114-YT

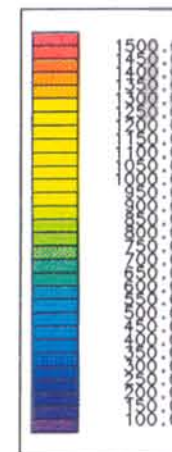
SCALE = 1 : 4000

AURORA GEOSCIENCES LTD.

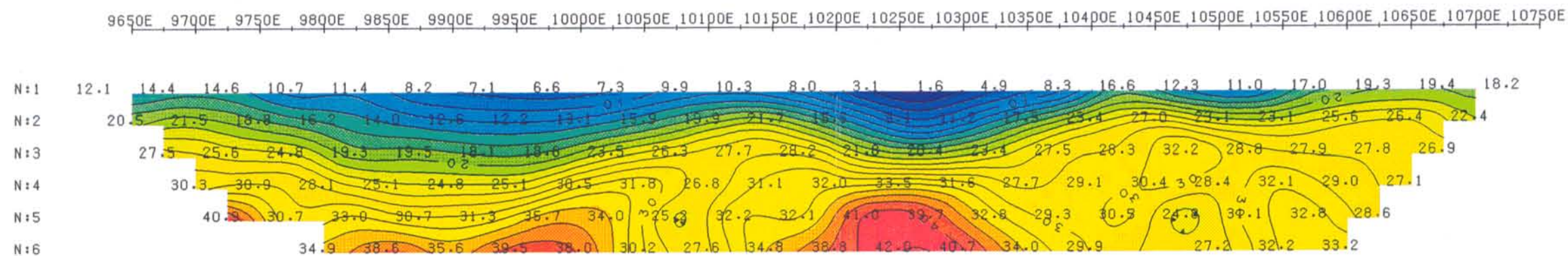
Resistivity
(Ohm-m)



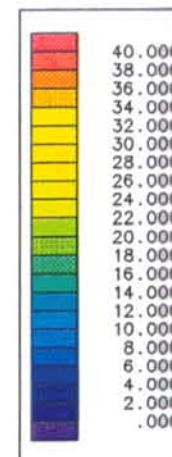
R/
N:1
N:2
N:3
N:4
N:5
N:6



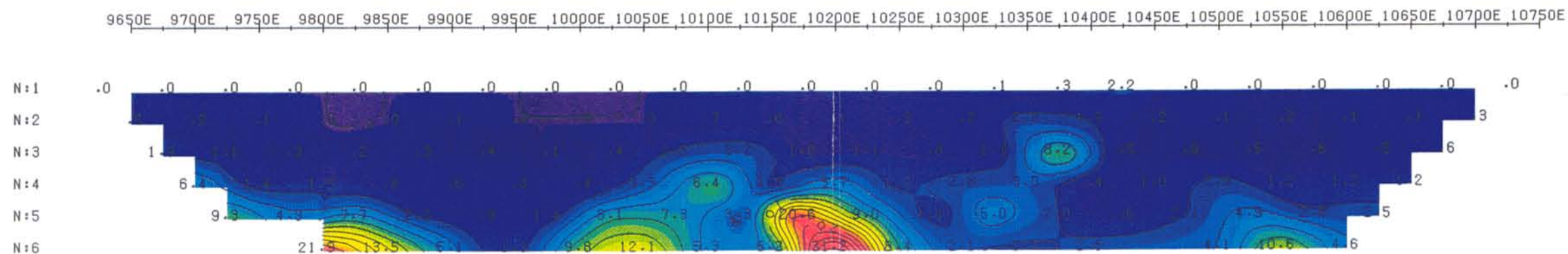
Chargeability
(mV/V)



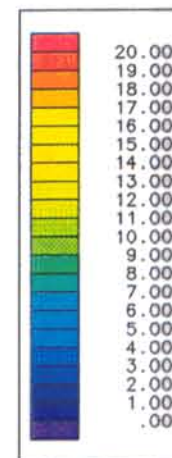
M4
N:1
N:2
N:3
N:4
N:5
N:6



Error
(mV/V)



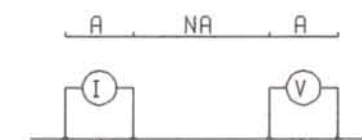
E
N:1
N:2
N:3
N:4
N:5
N:6



LINE : 10200 N

INDUCED POLARIZATION SURVEY

DIPOLE-DIPOLE ARRAY



DEPTH POINT
N = 1, 2, 3, 4, ...
"A" SPACING = 50.0 METRES

094256

ATAC RESOURCES LTD.

GOLDEN REVENUE PROPERTY

NUCLEUS GRID

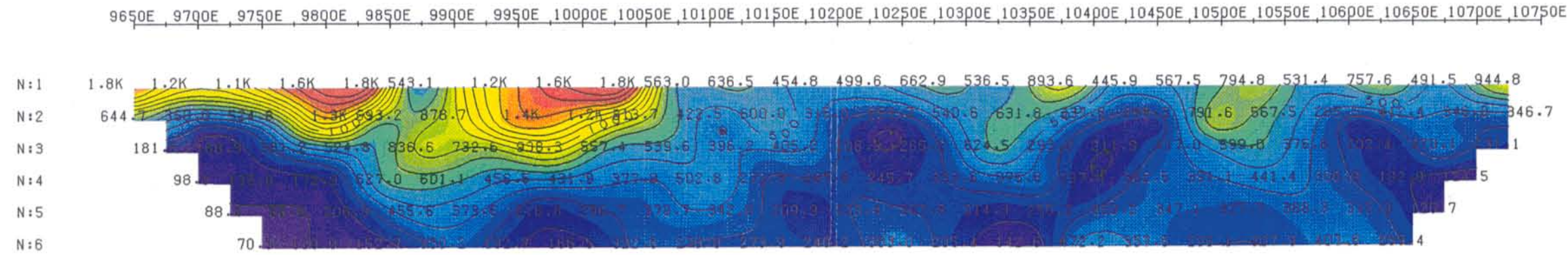
DATE : 05 SEP 01

REF : ATAC-114-YT

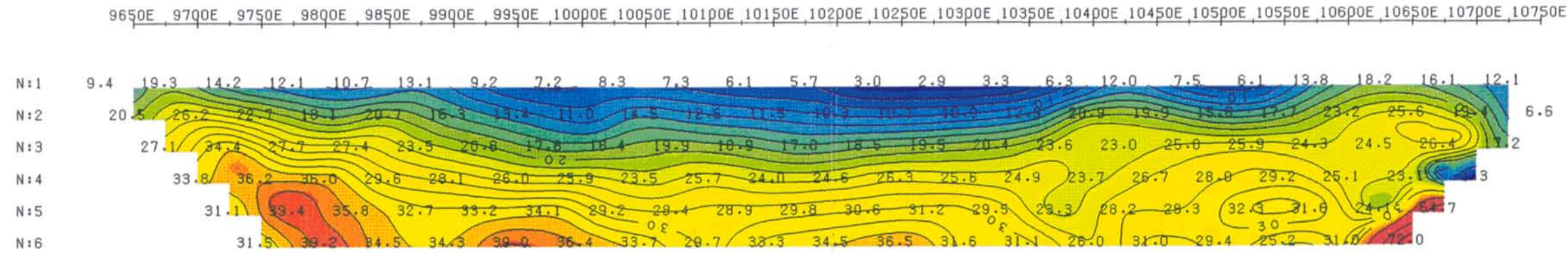
SCALE = 1 : 4000

AURORA GEOSCIENCES LTD.

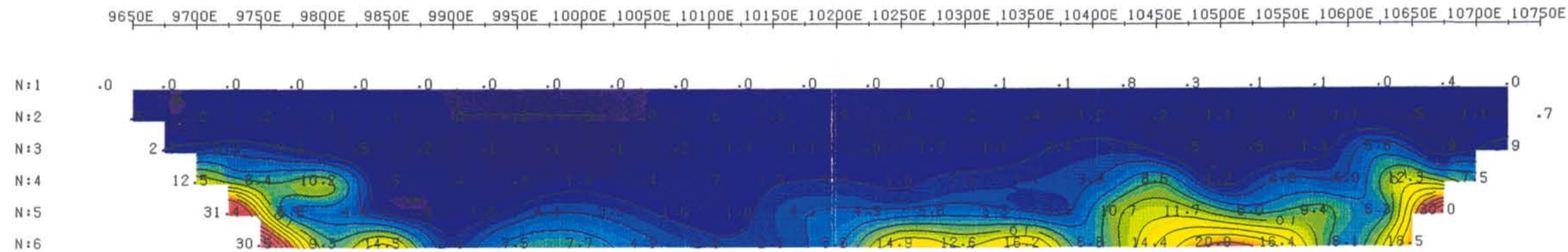
Resistivity
(Ohm-m)



Chargeability
(mV/V)



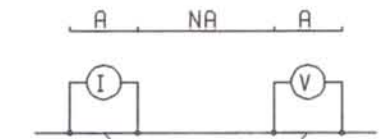
Error
(mV/V)



LINE : 10300 N

INDUCED POLARIZATION SURVEY

DIPOLE-DIPOLE ARRAY



DEPTH POINT
N = 1, 2, 3, 4, ...
"A" SPACING = 50.0 METRES

094256

ATAC RESOURCES LTD.
GOLDEN REVENUE PROPERTY
NUCLEUS GRID

DATE : 05 SEP 01 REF : ATAC-114-YT

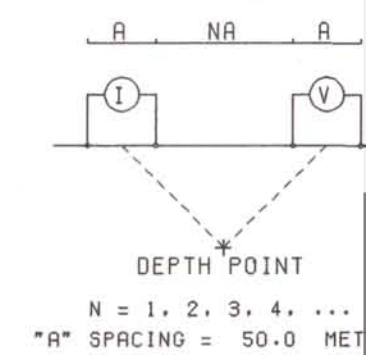
SCALE = 1 : 4000

AURORA GEOSCIENCES LTD.

LINE : 10400

INDUCED POLARIZATION SURVEY

DIPOLE-DIPOLE APP



094256

ATAC RESOURCES
GOLDEN REVENUE PR
NUCLEUS GRID

DATE : 05 SEP 01 REF :

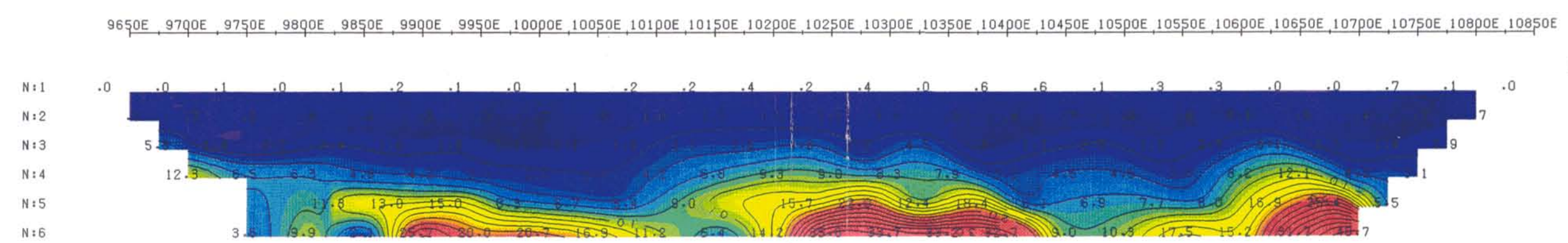
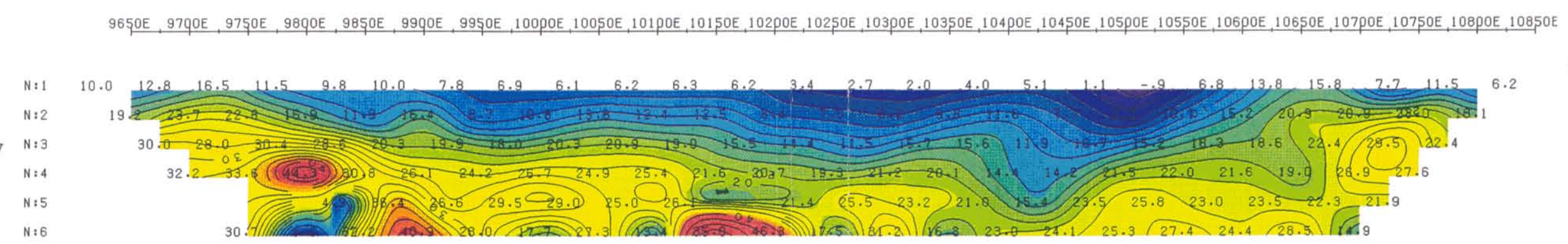
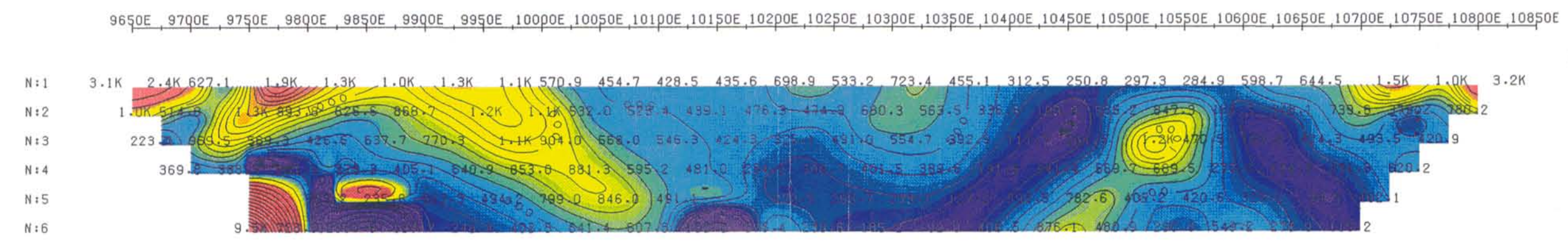
SCALE = 1 : 40

AURORA GEOSCIENCE

Resistivity
(Ohm-m)

Chargeability
(mV/V)

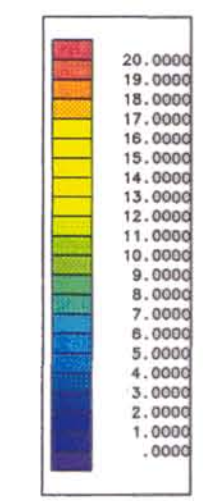
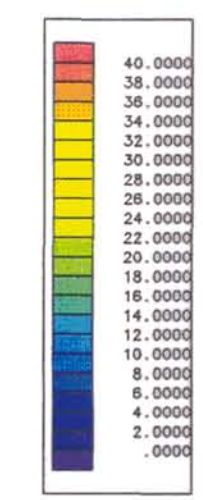
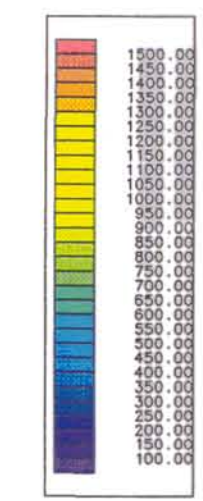
Error
(mV/V)



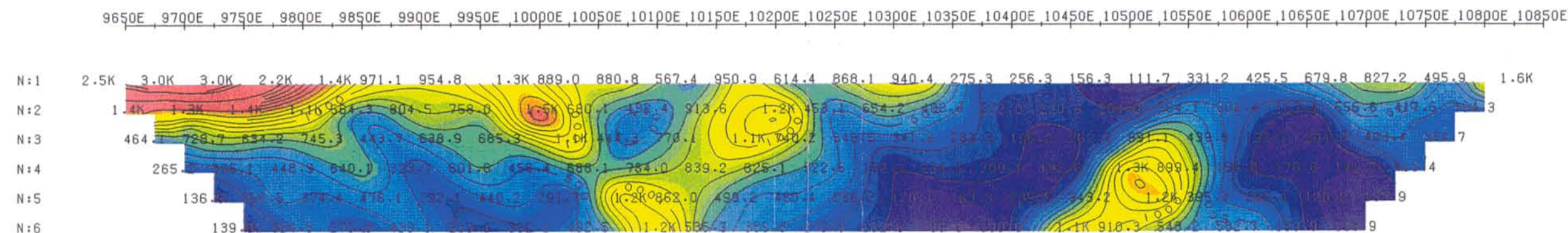
R/
N:1
N:2
N:3
N:4
N:5
N:6

M4
N:1
N:2
N:3
N:4
N:5
N:6

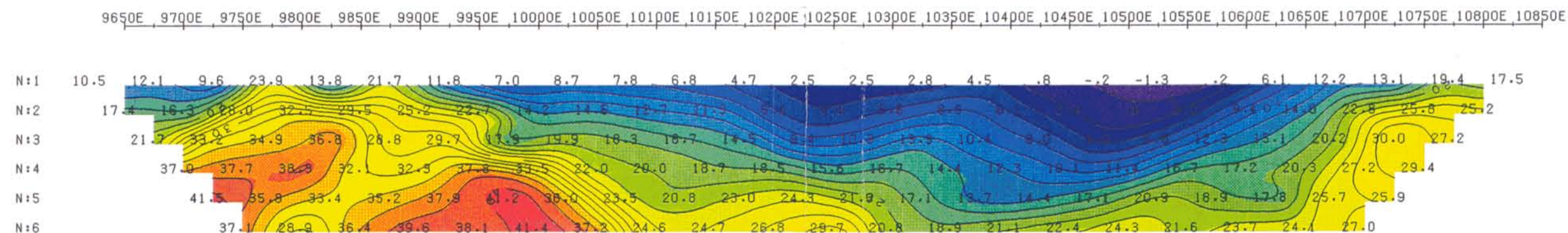
E
N:1
N:2
N:3
N:4
N:5
N:6



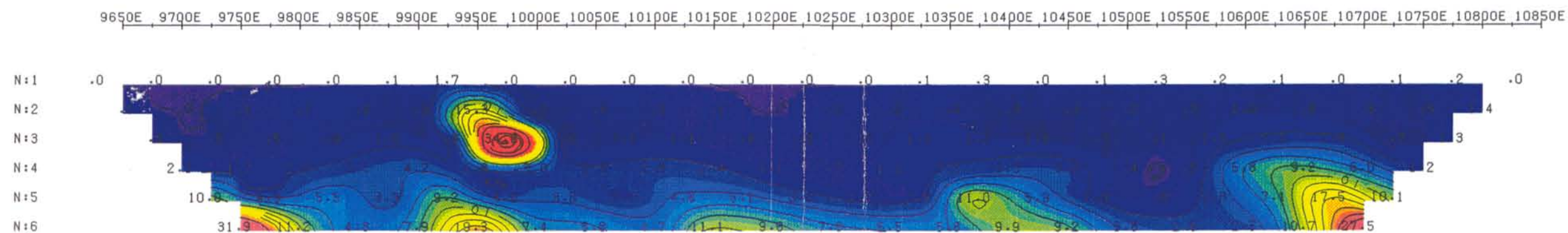
Resistivity
(Ohm-m)



Chargeability
(mV/V)



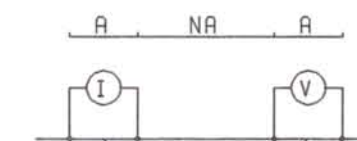
Error
(mV/V)



LINE : 10500 N

INDUCED POLARIZATION SURVEY

DIPOLE-DIPOLE ARRAY



DEPTH POINT

N = 1, 2, 3, 4, ...

"A" SPACING = 50.0 METRES

094256

ATAC RESOURCES LTD.

GOLDEN REVENUE PROPERTY

NUCLEUS GRID

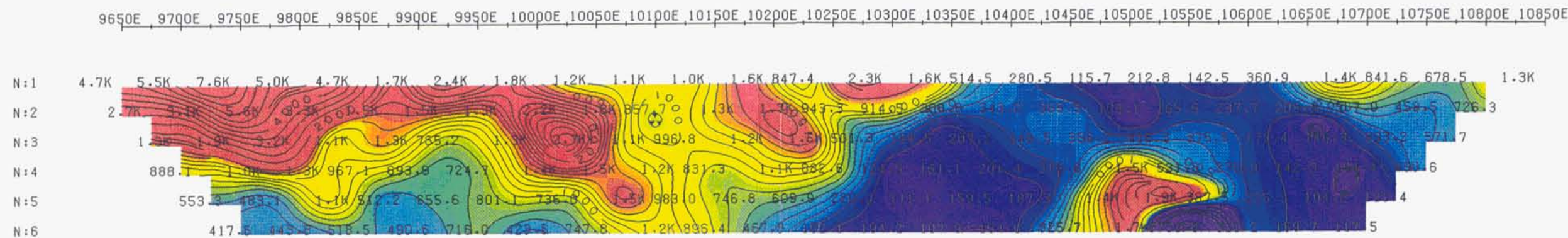
DATE : 05 SEP 01

REF : ATAC-114-YT

SCALE = 1 : 4000

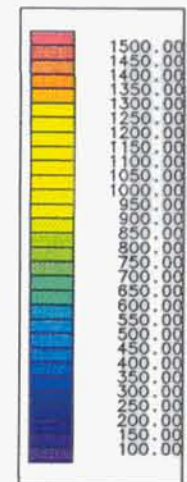
AURORA GEOSCIENCES LTD.

Resistivity
(Ohm-m)

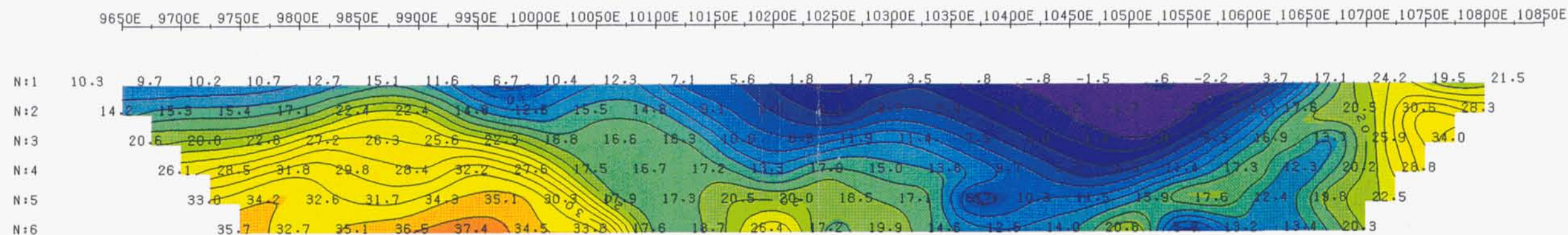


R/

N:1
N:2
N:3
N:4
N:5
N:6

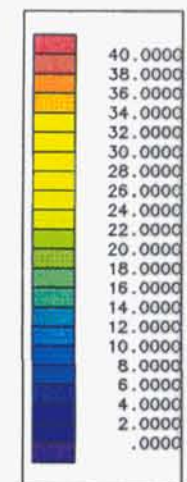


Chargeability
(mV/V)

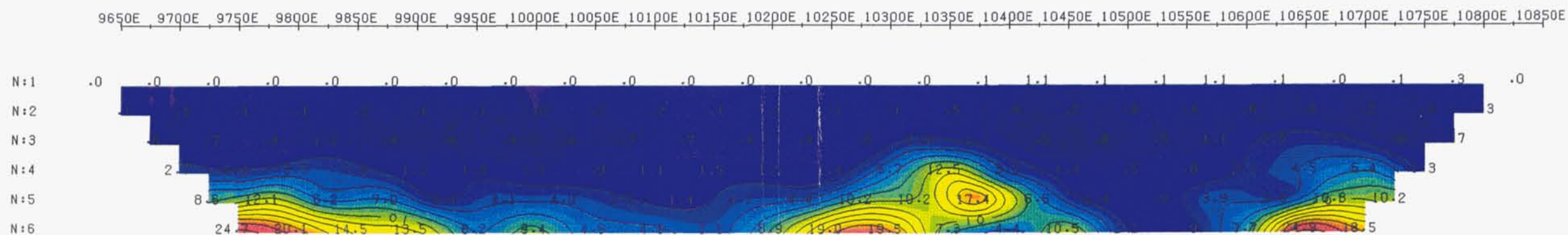


M4

N:1
N:2
N:3
N:4
N:5
N:6

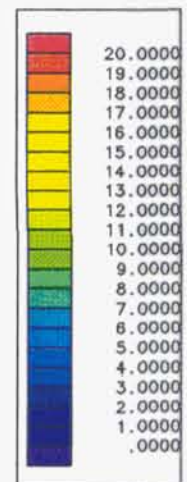


Error
(mV/V)



E

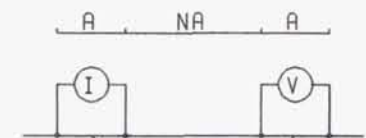
N:1
N:2
N:3
N:4
N:5
N:6



LINE : 10600 N

INDUCED POLARIZATION SURVEY

DIPOLE-DIPOLE ARRAY



DEPTH POINT

N = 1, 2, 3, 4, ...

"A" SPACING = 50.0 METRES

094256

ATAC RESOURCES LTD.

GOLDEN REVENUE PROPERTY

NUCLEUS GRID

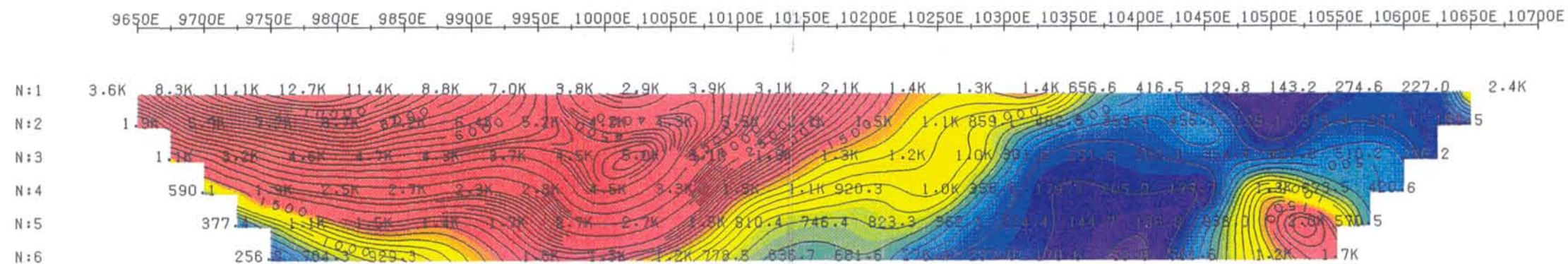
DATE : 05 SEP 01

REF : ATAC-114-YT

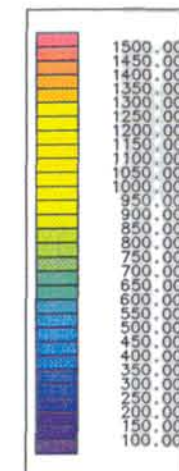
SCALE = 1: 4000

AURORA GEOSCIENCES LTD.

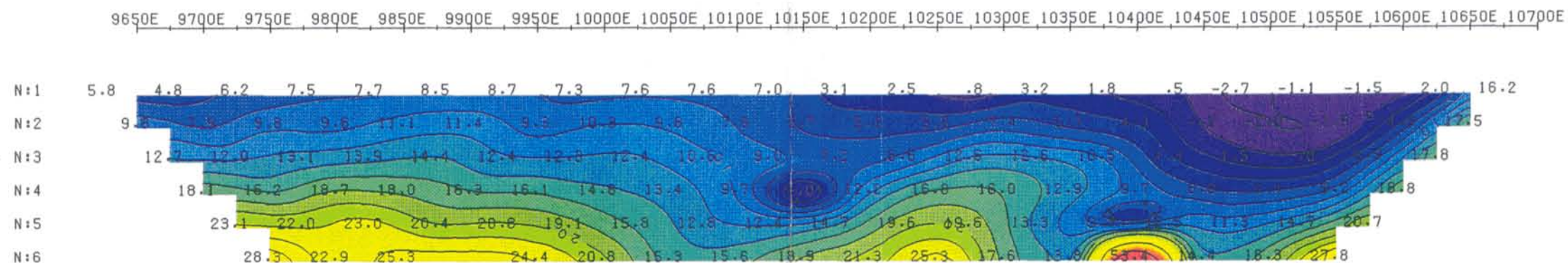
Resistivity
(Ohm-m)



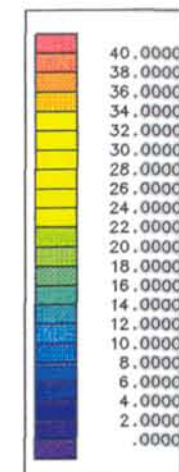
R/
N:1
N:2
N:3
N:4
N:5
N:6



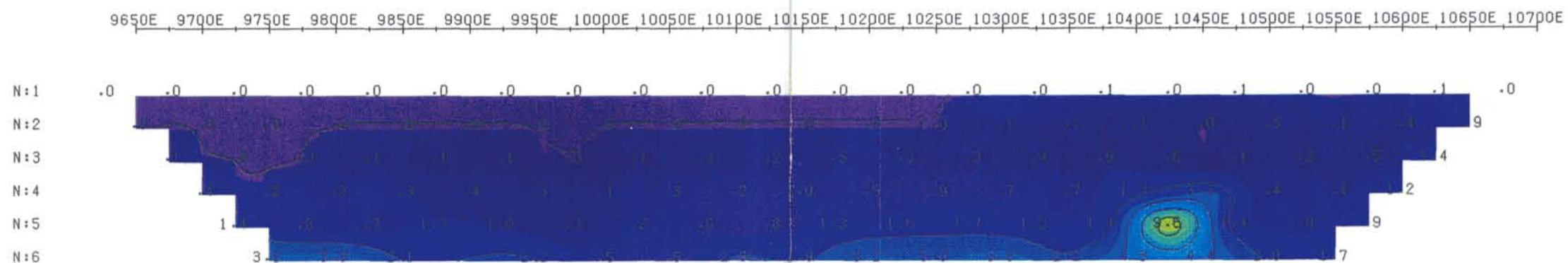
Chargeability
(mV/V)



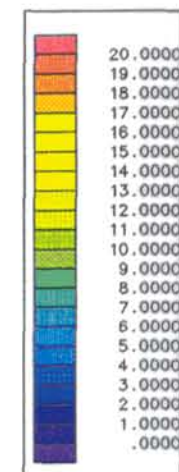
M4
N:1
N:2
N:3
N:4
N:5
N:6



Error
(mV/V)



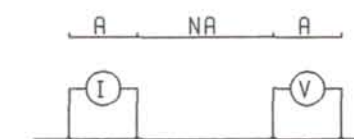
E
N:1
N:2
N:3
N:4
N:5
N:6



LINE : 10700 N

INDUCED POLARIZATION SURVEY

DIPOLE-DIPOLE ARRAY



DEPTH POINT

N = 1, 2, 3, 4, ...
"A" SPACING = 50.0 METRES

094256

ATAC RESOURCES LTD.

GOLDEN REVENUE PROPERTY

NUCLEUS GRID

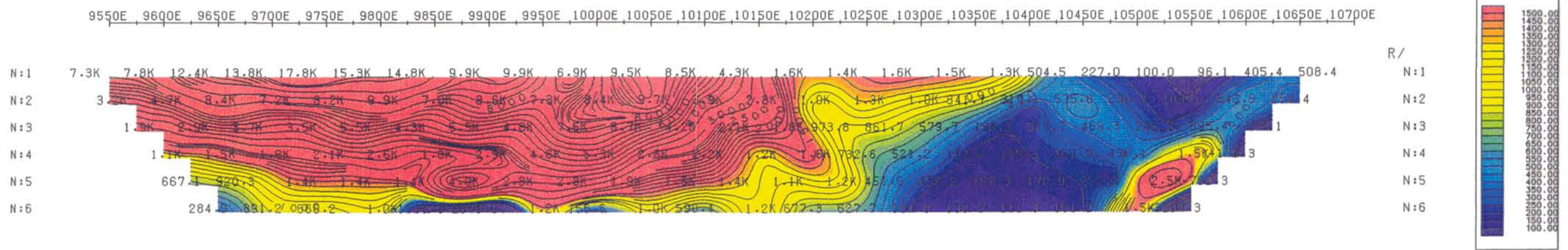
DATE : 05 SEP 01

REF : ATAC-114-YT

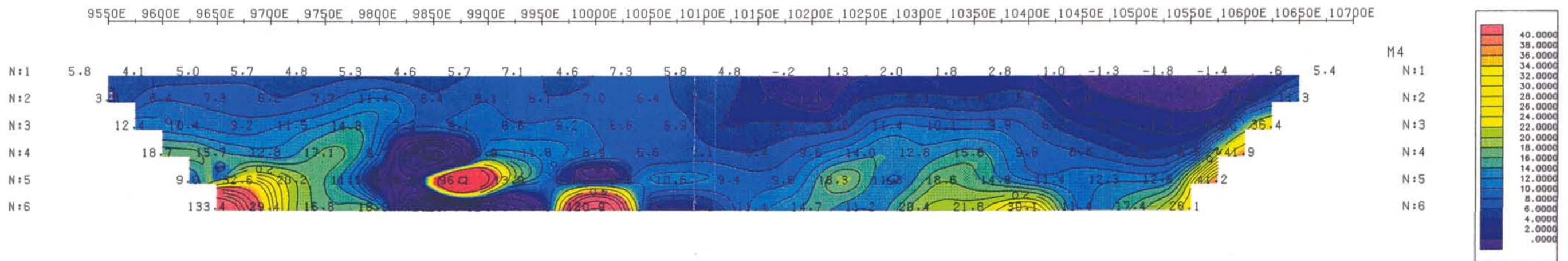
SCALE = 1: 4000

AURORA GEOSCIENCES LTD.

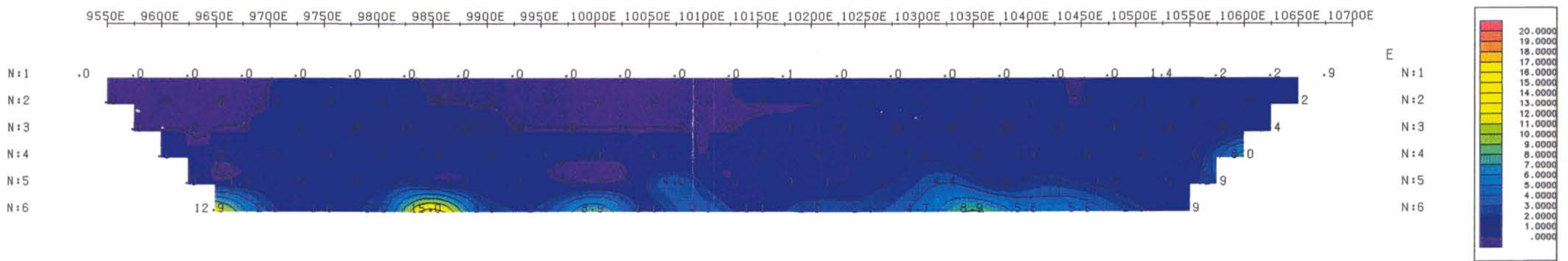
Resistivity
(Ohm-m)



Chargeability
(mV/V)



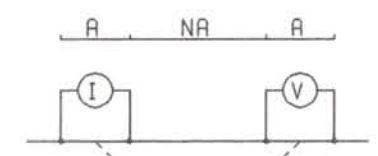
Error
(mV/V)



LINE : 10800 N

INDUCED POLARIZATION SURVEY

DIPOLE-DIPOLE ARRAY



DEPTH POINT
N = 1, 2, 3, 4, ...
"A" SPACING = 50.0 METRES

094256

ATAC RESOURCES LTD.

GOLDEN REVENUE PROPERTY

NUCLEUS GRID

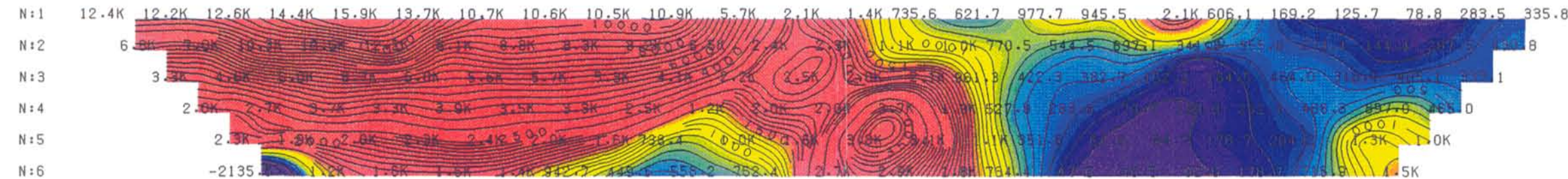
DATE : 05 SEP 01REF : ATAC-114-YT

SCALE = 1: 4000

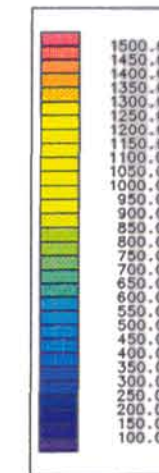
AURORA GEOSCIENCES LTD.

9550E 9600E 9650E 9700E 9750E 9800E 9850E 9900E 9950E 10000E 10050E 10100E 10150E 10200E 10250E 10300E 10350E 10400E 10450E 10500E 10550E 10600E 10650E 10700E

Resistivity
(Ohm-m)

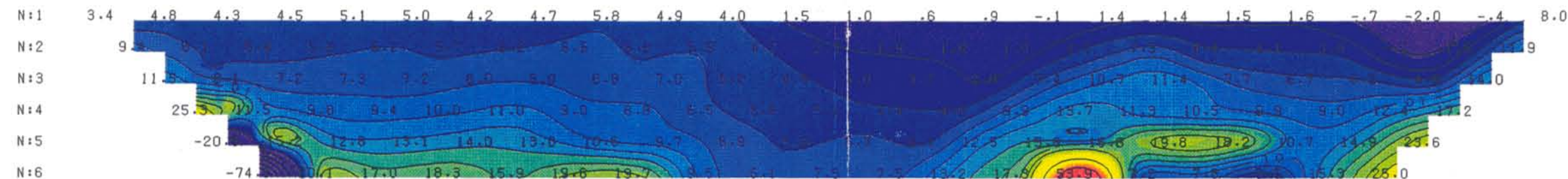


R/
N:1
N:2
N:3
N:4
N:5
N:6

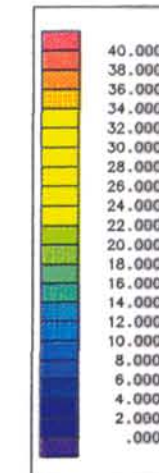


9550E 9600E 9650E 9700E 9750E 9800E 9850E 9900E 9950E 10000E 10050E 10100E 10150E 10200E 10250E 10300E 10350E 10400E 10450E 10500E 10550E 10600E 10650E 10700E

Chargeability
(mV/V)

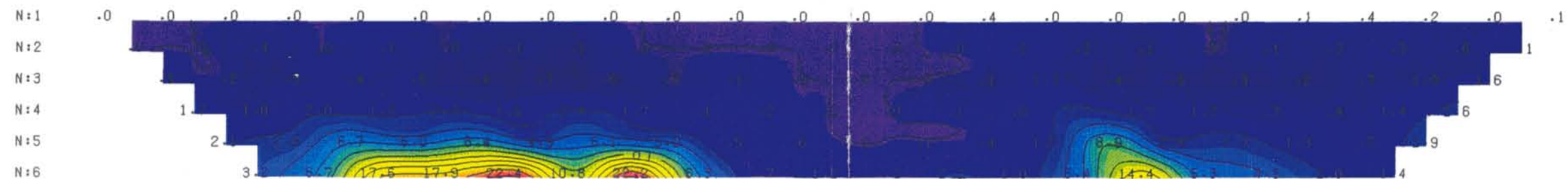


M4
N:1
N:2
N:3
N:4
N:5
N:6

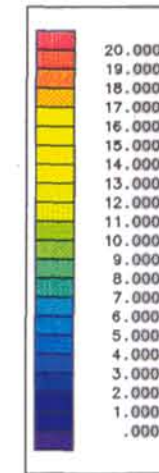


9550E 9600E 9650E 9700E 9750E 9800E 9850E 9900E 9950E 10000E 10050E 10100E 10150E 10200E 10250E 10300E 10350E 10400E 10450E 10500E 10550E 10600E 10650E 10700E

Error
(mV/V)



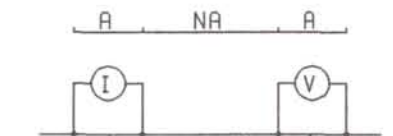
E
N:1
N:2
N:3
N:4
N:5
N:6



LINE : 10900 N

INDUCED POLARIZATION SURVEY

DIPOLE-DIPOLE ARRAY



DEPTH POINT

N = 1, 2, 3, 4, ...

"A" SPACING = 50.0 METRES

094256

ATAC RESOURCES LTD.

GOLDEN REVENUE PROPERTY

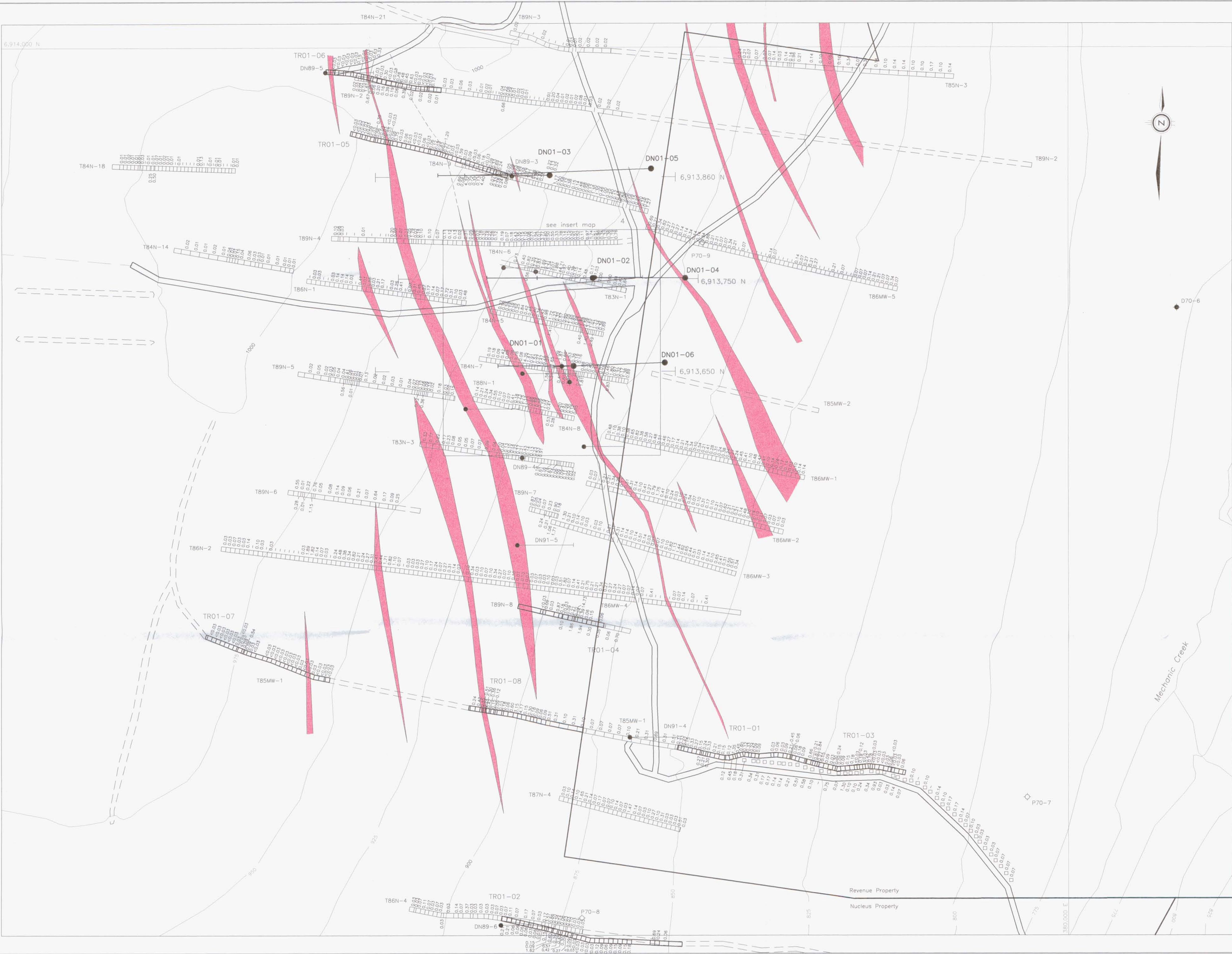
NUCLEUS GRID

DATE : 05 SEP 01

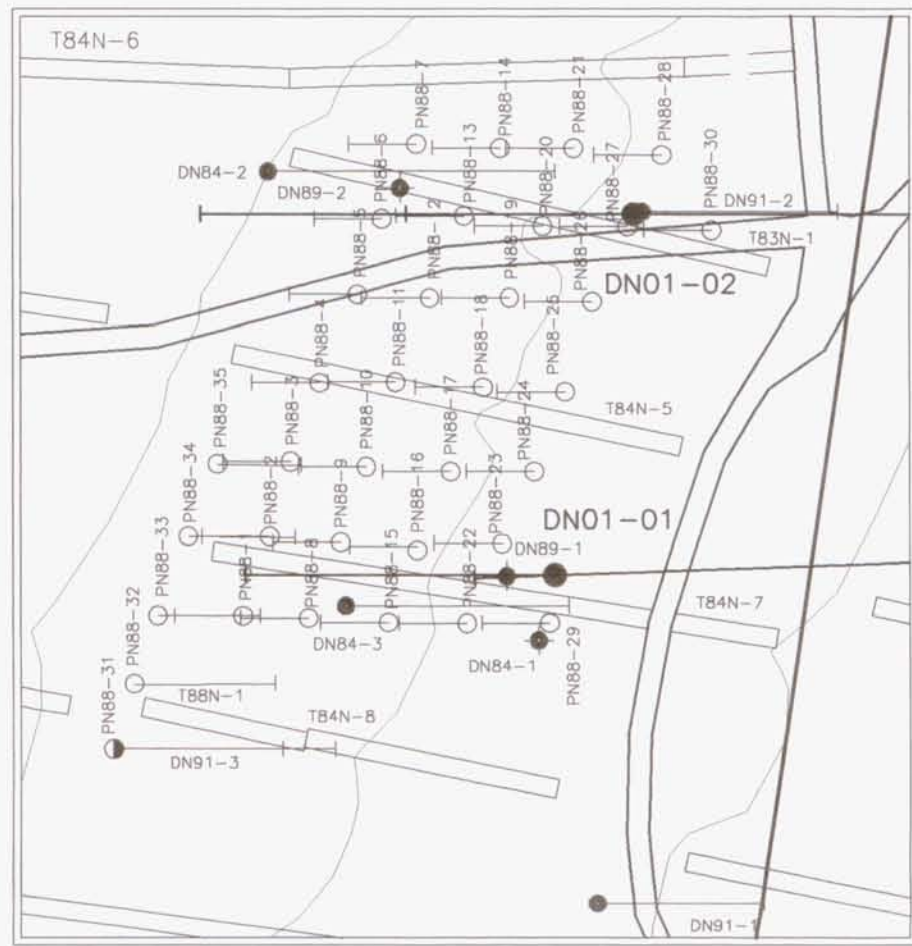
REF : ATAC-114-YT

SCALE = 1 : 4000

AURORA GEOSCIENCES LTD.



- Quartz-feldspar porphyry
- Four-wheel drive road
- Stripped area
- Bulldozer or excavator trench
- Trench with gold values in g/t
- 2001 trench with gold values in g/t
- Excavator pit with rock sample and gold value in g/t
- Vertical and inclined diamond drill holes
- Vertical and inclined percussion drill holes
- 2001 diamond drill hole



094256

ATAC RESOURCES LTD.

FIGURE 9
ARCHER, CATHRO & ASSOCIATES (1981) LIMITED

GOLD ASSAYS
NUCLEUS ZONE
GOLDEN REVENUE PROPERTY

SCALE 1:2000

DRAWN/REVISED BY: AG/TCB
FILE: ...\\ATAC\\REVENUE\\ACAD01\\NUC-TR.DWG

PROJECT:
DATE: DECEMBER, 2001