# 2000 GEOLOGICAL, GEOCHEMICAL AND GEOPHYSICAL ASSESSMENT REPORT ON THE TAY- LP PROJECT

094190

## VOLUME I

Comprising the:
Tay 1-21; LP 1-4, 7-25, 33, 35-93, 109-115, 130-139, 153, 155, 157, 159, 165-175;
Jef 9, 11-14, 27, 51; Cam 1-40; Gai 1-65 and Try 1-60

Located in the Seagull Creek Area,
Watson Lake Mining District
Yukon Territory, Canada

NTS 105F-10, 105F-7
61° 33' N Latitude
132° 40' W Longitude

Prepared for
Newmont Exploration of Canada Limited

Prepared by
Allan T. Montgomery, P. Geo.
M.A. Stammers, P. Geo.

| | |
|---|---|
| Owner of Claims: | Ross River Gold Ltd.<br>Newmont Exploration of Canada Ltd. (Try 1 – 60 claims) |
| Dates of Work: | May 19th to August 15th, 2000 |
| Date of Report: | December 2000 |

This report has been examined by the Geological Evaluation Unit under Section 53 (4) Yukon Quartz Mining Act and is allowed as representative work in the amount of $ 180,000.

M.B.

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

**2000 GEOLOGICAL, GEOCHEMICAL & GEOPHYSICAL ASSESSMENT REPORT ON THE TAY- LP PROJECT**

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## 1.0 SUMMARY

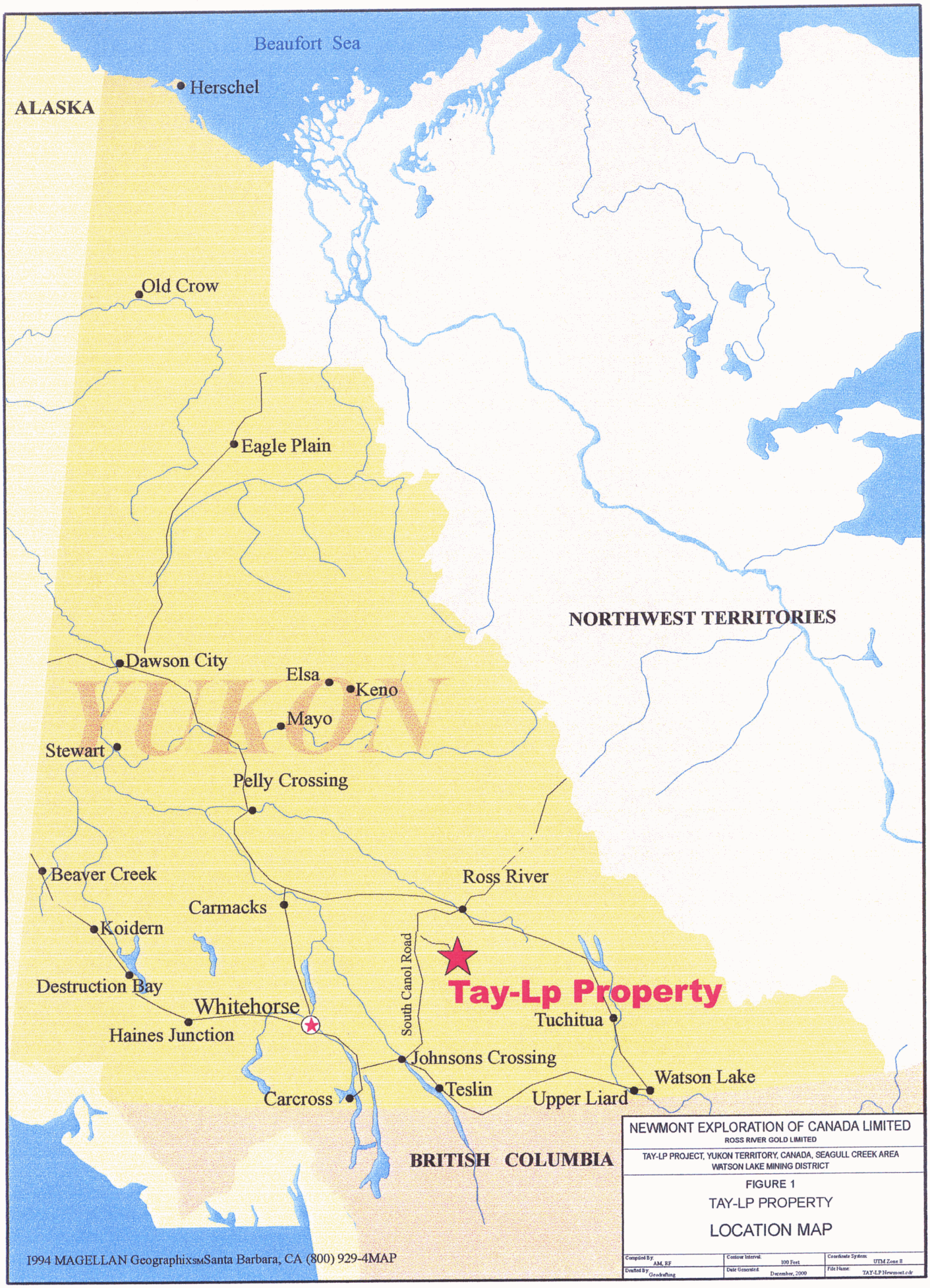
The Tay-Lp project, located in the south central Yukon's Pelly Mountains, is accessible via a seasonal 4X4 road. Elevations on the property range from 1000 to 2000 metres above sea level. The Tay-Lp claims form part of a larger ground package, which includes the neighboring Ram property to the north, consolidated by Newmont for the first time. Work conducted included comprehensive drill-target generation in the Seagull Valley, between May and August 2000.

The target is auriferous replacement zones and quartz veining with a potential open-pit resource in excess of 80 million tonnes at >2.5 g/t Au for some 5 to 6 million ounces of gold. RC drilling in 1991 returned intersections such as 3.59 g/t gold over 24.4 metres; while core drilling has returned results of up to 3.54 g/t gold over 7.0 metres. Mineralization occurs as banded replacement to semi-massive sulphide in breccia matrix and sulphide bearing quartz veining and stockwork zones. Pyrrhotite ± pyrite ± arsenopyrite ± chalcopyrite replace selective layers within calcareous meta-sediments. Gold is associated with quartz, tourmaline, pyrrhotite, pyrite, bismuthenite, tellurides, chalcopyrite, arsenopyrite and galena.

Soil, rock and Bombardier mounted auger geochemical sampling at Tay-Lp has outlined two prominent anomalous areas, at the Tolbert Creek soil anomaly and at the Camp soil anomaly. These areas are anomalous in gold, bismuth, antimony, arsenic, silver and lead. Rock samples collected during 2000 returned values of up to 4.1g/t gold.

The structurally controlled valley is a glacially scoured corridor with poor outcrop. The pyrrhotite-gold association made a magnetic/EM geophysical survey an obvious tool. Newmont flew 727.54 line kilometres of Aerodat-system combined Mag-EM on 200 metre spaced lines covering the entire Tay-Lp claim block and surrounding area. This coverage is part of a larger survey, which also included the Ram property. A number of conductive zones, almost all covered, were pinpointed.

The 2000 field season represented a claim consolidation and drill target generating exercise. Drill sites have been defined as a result, and an anticipated 2001 preliminary core drilling campaign will attempt to further evaluate the results of the 2000 program.


Beaufort Sea
Herschel
ALASKA
Old Crow
Eagle Plain
NORTHWEST TERRITORIES
Dawson City
Elsa
Keno
Mayo
YUKON
Stewart
Pelly Crossing
Beaver Creek
Ross River
Carmacks
Koidern
South Canol Road
Tay-Lp Property
Destruction Bay
Whitehorse
Tuchitua
Haines Junction
Johnsons Crossing
Watson Lake
Carcross
Teslin
Upper Liard
BRITISH COLUMBIA
1994 MAGELLAN Geographix℠ Santa Barbara, CA (800) 929-4MAP
NEWMONT EXPLORATION OF CANADA LIMITED
ROSS RIVER GOLD LIMITED
TAY-LP PROJECT, YUKON TERRITORY, CANADA, SEAGULL CREEK AREA
WATSON LAKE MINING DISTRICT
FIGURE 1
TAY-LP PROPERTY
LOCATION MAP
Compiled By: AM, RF
Contour Interval: 100 Feet
Coordinate System: UTM Zone 8
Drafted By: Geodrafting
Date Generated: December, 2000
File Name: TAY-LP Newmont.cdr

## 2.0 INTRODUCTION

This report describes work on the Tay-Lp project, completed during the period May 19th to August 15th, 2000. Work was completed for Newmont under management of M. A. Stammers Exploration Management, with field supervision by A. Montgomery Exploration. A. Montgomery Exploration has been retained to report on field activities. Fugro Airborne Surveys carried out the geophysical survey, under the direction of Jim Wright of Newmont.

Work comprised an airborne electromagnetic and magnetic survey, geological mapping, prospecting, soil geochemical sampling, rock sampling and Bombardier mounted auger drill sampling.

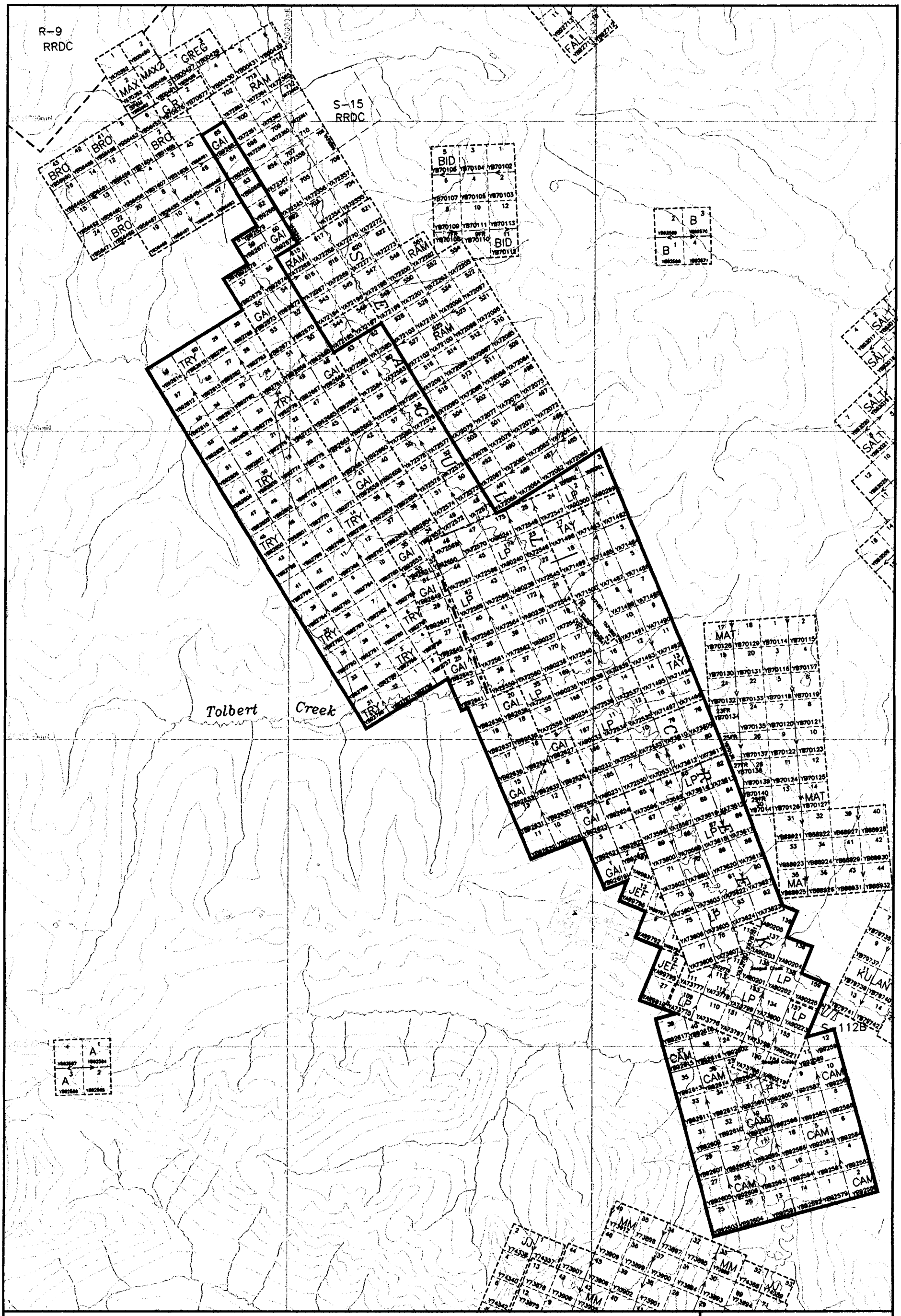
## 3.0 CLAIM STATUS (Figure 2)

The Tay-Lp property consists of 308 contiguous quartz mineral claims, as listed in Table 1. The property, which is centered along Seagull Creek, covers an area of approximately 20 kilometers in length by 1 to 5 kilometers wide measuring 6133 ha.

The registered owner of the Tay, Lp, Jef, Gai and Cam claims is Ross River Gold Ltd, while Newmont Exploration of Canada Ltd. is the registered owner of the Try claims. Separate documents indicate that Newmont has entered into option agreements with Ross River Gold relating to all of the above claim groups. Government records indicate that all of the above listed claims are in good standing, with expiry dates as listed below, pending acceptance of the assessment work described in this report.

**Table 1: Claim Status**

| CLAIM NAME/NO. | RECORD NUMBER | DATE RECORDED | EXPIRY DATE * |
|---|---|---|---|
| TAY 1 – 3 | YA71482 - 484 | 01/08/84 | 07/12/04 |
| TAY 4 | YA71485 | 01/08/84 | 07/12/05 |
| TAY 5 | YA71486 | 01/08/84 | 07/12/04 |
| TAY 6 | YA71487 | 01/08/84 | 07/12/05 |
| TAY 7 | YA71488 | 01/08/84 | 07/12/04 |
| TAY 8 | YA71489 | 01/08/84 | 07/12/05 |
| TAY 9 | YA71490 | 01/08/84 | 07/12/04 |
| TAY 10 | YA71491 | 01/08/84 | 07/12/05 |
| TAY 11 - 15 | YA71492 - 496 | 01/08/84 | 07/12/04 |




NEWMONT EXPLORATION OF CANADA LIMITED
ROSS RIVER GOLD LTD.

TAY-LP PROJECT, YUKON TERRITORY, CANADA, SEAGULL CREEK AREA
WATSON LAKE MINING DISTRICT

FIGURE 2

TAY-LP PROPERTY

Claim Map

**Table 1: Claim Status, cont'd.**

| CLAIM NAME/NO. | RECORD NUMBER | DATE RECORDED | EXPIRY DATE* |
|---|---|---|---|
| TAY 16 - 17 | YA71497 - 498 | 01/08/84 | 07/12/05 |
| TAY 18 | YA71499 | 01/08/84 | 07/12/06 |
| TAY 19 | YA71500 | 01/08/84 | 07/12/05 |
| TAY 20 | YA71501 | 01/08/84 | 07/12/06 |
| TAY 21 | YA71502 | 01/08/84 | 07/12/05 |
| LP 1 – 4 | YA90299 - 302 | 27/09/85 | 07/12/04 |
| LP 7 - 10 | YA72530 - 533 | 07/12/84 | 07/12/05 |
| LP11 | YA72534 | 07/12/84 | 07/12/06 |
| LP 12 | YA72535 | 07/12/84 | 07/12/05 |
| LP 13 | YA72536 | 07/12/84 | 07/12/06 |
| LP 14 | YA72537 | 07/12/84 | 07/12/05 |
| LP 15 - 20 | YA72538 – 543 | 07/12/84 | 07/12/06 |
| LP 21 - 23 | YA72544 - 546 | 07/12/84 | 07/12/05 |
| LP 24 | YA72547 | 07/12/84 | 07/12/04 |
| LP 25 | YA72548 | 07/12/84 | 07/12/05 |
| LP 33 | YA72556 | 07/12/84 | 07/12/04 |
| LP 35 - 38 | YA72558 – 561 | 07/12/84 | 07/12/04 |
| LP 39 | YA72562 | 07/12/84 | 07/12/06 |
| LP 40 | YA72563 | 07/12/84 | 07/12/04 |
| LP 41 - 44 | YA72564 - 567 | 07/12/84 | 07/12/06 |
| LP 45 | YA72568 | 07/12/84 | 07/12/06 |
| LP 46 - 47 | YA72569 – 570 | 07/12/84 | 07/12/06 |
| LP 48 - 52 | YA72571 - 575 | 07/12/84 | 07/12/05 |
| LP 53 | YA72576 | 07/12/84 | 07/12/05 |
| LP 54 - 63 | YA72577 - 586 | 07/12/84 | 07/12/05 |
| LP 64 - 66 | YA73595 - 597 | 02/08/85 | 07/12/05 |
| LP 67 | YA73598 | 02/08/85 | 07/12/04 |
| LP 68 | YA73599 | 02/08/85 | 07/12/05 |
| LP 69 - 70 | YA73600 - 601 | 02/08/85 | 07/12/04 |
| LP 71 - 78 | YA73602 - 609 | 02/08/85 | 07/12/04 |
| LP 79 | YA73610 | 02/08/85 | 07/12/05 |
| LP 80 | YA73611 | 02/08/85 | 07/12/04 |
| LP 81 | YA73612 | 02/08/85 | 07/12/05 |
| LP 82 | YA73613 | 02/08/85 | 07/12/04 |
| LP 83 | YA73614 | 02/08/85 | 07/12/05 |
| LP 84 | YA73615 | 02/08/85 | 07/12/04 |
| LP 85 | YA73616 | 02/08/85 | 07/12/05 |
| LP 86 | YA73617 | 02/08/85 | 07/12/04 |
| LP 87 | YA73618 | 02/08/85 | 07/12/05 |
| LP 88 | YA73619 | 02/08/85 | 07/12/04 |
| LP 89 | YA73620 | 02/08/85 | 07/12/05 |
| LP 90 - 93 | YA73621 - 624 | 02/08/85 | 07/12/04 |
| LP 109 - 115 | YA73775 – 781 | 12/09/85 | 07/12/04 |
| LP 130 - 134 | YA73796 – 800 | 12/09/85 | 07/12/04 |
| LP 135 – 139 | YA90201 – 205 | 12/09/85 | 07/12/04 |
| LP 153 | YA90219 | 12/09/85 | 07/12/04 |
| LP 155 | YA90221 | 12/09/85 | 07/12/04 |
| LP 157 | YA90223 | 12/09/85 | 07/12/04 |
| LP 159 | YA90225 | 12/09/85 | 07/12/04 |
| LP 165 - 167 | YA90231 – 233 | 12/09/85 | 07/12/04 |
| LP 168 - 169 | YA90234 – 235 | 12/09/85 | 07/12/05 |
| LP 170 - 172 | YA90236 - 238 | 12/09/85 | 07/12/06 |
| LP 173 – 175 | YA90239 – 241 | 12/09/85 | 07/12/05 |
| JEF 9 | YA99792 | 19/02/87 | 07/12/04 |
| JEF 11 - 14 | YA99794 - 797 | 07/12/00 | 07/12/04 |
| JEF 27 | YA99810 | 07/12/00 | 07/12/04 |

**Table 1: Claim Status, cont'd.**

| CLAIM NAME/NO. | RECORD NUMBER | DATE RECORDED | EXPIRY DATE* |
|---|---|---|---|
| JEF 51 | YA99834 | 07/12/00 | 07/12/04 |
| CAM 1 – 14 | YB92579 – 592 | 28/03/00 | 07/12/04 |
| CAM 15 – 19 | YB92593 - 597 | 28/03/00 | 28/12/04 |
| CAM 20 | YB92598 | 28/03/00 | 07/12/04 |
| CAM 21 | YB92599 | 28/03/00 | 28/12/04 |
| CAM 22 | YB92600 | 28/03/00 | 07/12/04 |
| CAM 23 – 40 | YB92601 – 618 | 28/03/00 | 28/12/04 |
| GAI 1 – 65 | YB92619 – 683 | 28/03/00 | 28/12/05 |
| TRY 1 – 60 | YB92756 – 815 | 23/08/00 | 23/08/01+ |

*Pending acceptance of assessment work filed
+ No work pending on Try 1 – 60 claims

## 4.0 LOCATION, ACCESS & PHYSIOGRAPHY (Figure 1)

The Tay-Lp property is located in the south central Yukon Territory at approximately 61° 33' north latitude and 132° 40' west longitude, 50 kilometres to the south of the town of Ross River on the Robert Campbell highway, and 160 kilometres to the northeast of Whitehorse (Figure 1).

The property can be reached via a summer season 4X4 road, or alternatively can be reached via helicopter from Ross River or via floatplane to Seagull Lake from Whitehorse. The drive from Whitehorse to Seagull Lake camp on the property via Johnsons Crossing and the gravel Canol road is about 6 hours. From the Canol Road, the property is reached by following a 4X4 dirt road for approximately 20 kilometres, which runs along side of Groundhog Creek eastward, before crossing over a height of land at 1700 metres elevation and then descending into the Seagull Creek valley. In early June during mobilization into the project this pass was still under snowdrifts up to three metres deep, requiring clearing using a bulldozer.

Once on the property, this access road continues on along the east side of Seagull Creek almost the entire length of the claims. A limited number of secondary dirt roads and Cat trails are located on the property, which provide some local access for 4X4 vehicles. Thick underbrush is widespread over much of the property along Seagull Creek valley, which was found to impede geological traverses and the search for outcrops during mapping. Water levels along Seagull Creek were higher during the initial weeks of the field program, making accessing across the creek on foot or in vehicle difficult to impossible.

The property is most accessible to exploration work during the period from mid June to mid September.

The property is situated within the St. Cyr Range of the Pelly Mountains, and mostly covers the lower elevations of the gently sloping Seagull Creek valley, where elevations range from between approximately 1000 to 2000 metres above mean sea level. Most of the property lies below tree line, with the claims centered along Seagull Creek, which locally forms oxbows and typically meanders through this broad sediment filled valley. Local swampy areas exist along the creek.

Weather patterns during summer months at the project include typically moderate to cool temperatures in the 10°C - 20°C range, with frequent rainy and drizzly conditions and afternoon wind and thundershowers. Occasional wet snow fell during the program.

## 5.0 EXPLORATION HISTORY

A complete account of the exploration history on the property is given in the reports listed in Appendix I. Most of the exploration activity carried out to date has focused on a three kilometre long mineralized trend located along Seagull Creek, extending to the north and south from the Seagull Creek – Tolbert Creek junction. Geophysical anomalies associated with this mineralization have been labeled as *Anomaly Group A*, on the geophysical interpretation plates included in this report.

The original Tay 1 – 21 claims were staked in 1984 by a group of prospectors, Peter Long, Jim Schnare and Ted Bartsch, after discovering rusty float boulders with appreciable gold values located along the Seagull Creek valley. The claims were optioned to **Cominco Limited** in 1985. The Lp and Jef claims were added to the claim group during 1985 to 1987. In 1985 Cominco carried out an airborne electromagnetic and magnetometer geophysical survey over 197 line kilometres. This survey was followed by HLEM and magnetic ground geophysical surveys along 30 line kilometres, completed in conjunction with soil geochemistry over a 4.0 kilometre by 1.0 kilometre grid

Five diamond drill holes were completed in 1985, totaling 533 metres. Drilling targeted coincident EM and magnetic anomalies, and mineralization discovered at the Gossan Showing along Tolbert Creek. In addition, one Cat trench was completed and over 200 rock samples were collected, mostly from mineralized float boulders along the Seagull road and from Tolbert Creek.

In 1987 Cominco optioned the property to junior **Cinnibar Resources Limited**. Under the management of Cominco, 11 diamond drill holes were completed totaling 961 metres. These holes tested EM and magnetic high anomalies, areas of abundant mineralized float boulders in till, and areas where limestone formed part of the stratigraphic package.

In 1988 junior explorer **Pacific Comox Resources Limited** took on management and exploration of the property. Pacific Comox completed six diamond drill holes totaling 947 metres, as well as excavation of two Cat trenches and completion of 9.5 line kilometres of IP and 19 line kilometres of magnetometer and VLF. Petrographic analysis was preformed on 15 samples.

In 1991 Pacific Comox contracted a Dighem airborne magnetic and VLF-EM survey over an area much larger than the Cominco surveys. This survey was followed by additional ground magnetometer, VLF and GENIE SE-88 EM surveys to define targets. This was followed by 12 RC drill holes totaling 941.7 metres.

In 1994 a second RC drill program was conducted by Pacific Comox consisting of 30 holes totaling approximately 412 metres. Most of these drill holes were drilled only to the depth of overburden, averaging a depth of less than 15 metres. Limited Cat trenching was also conducted during this program.

In 1997 Pacific Comox relinquished management and interest in the Tay-Lp property and control reverted back to Cominco. Cominco relinquished their interest in the property in April 1998 to Mr. Robin Tolbert. Mr. Tolbert acts as agent for the prospectors who originally staked the ground. This partnership entered an agreement on June 14, 1999 with **Ross River Gold Limited**, a privately held Vancouver company, for which Mr. Tolbert is a principle. In 1999 Ross River Gold completed a selective leach soil sampling survey over parts of the

original Cominco grid. In early 2000 the Gai 1 – 65 and Cam 1 – 40 mineral claims were staked at the western and southern property boundaries.

In 1999 **Newmont Exploration of Canada Limited** entered into an agreement with Ross River Gold to option the Tay-Lp claims.

## 6.0 2000 EXPLORATION PROGRAM

Exploration activity on the Tay-Lp claims, carried out during the 2000 field season by Newmont Exploration of Canada Limited, was part of an exploration program covering a larger area including the neighboring Ram property. Fieldwork on the Tay-Lp claims was completed between May 19th and August 15th. Work completed included, snow clearing along the Seagull access road, airborne electromagnetic and magnetic geophysical surveys, geological mapping, soil geochemical sampling, rock sampling and prospecting, and Bombardier mounted auger overburden drill sampling.

Newmont contracted Fugro Airborne Surveys to complete an airborne EM and magnetometer geophysical survey encompassing the Ram property and surrounding area. This work was completed between May 19th and May 28th, 2000. The survey was flown at 200 metres line spacing for a total of 727.54 line-kilometres completed over the Tay-Lp claims and surrounding area.

A base camp to accommodate crews during the 2000 field exploration program was set up at the southern end of Seagull Lake.

Preliminary geological mapping coverage, plotted in the field at 1:5000 scale, was completed over the northern two-thirds of the property. Mapping was intended to expand on and add detail to the very limited geological mapping data already available. Maps were plotted at a scale of 1:10000. This data was plotted on a three-layer folio, with separate map layers showing Factual Geology, Alteration & Mineralization and an Interpretation layer.

In conjunction with this mapping, a total of 32 rock samples was collected on the project. Samples were sent to ALS Chemex Labs in North Vancouver for analysis.

Soil sampling was completed over approximately two-thirds of the property. Grid lines were located to cover known mineral occurrences and geophysical anomalies, and to extend coverage laterally and along strike of these areas. A total of 509 soil samples was collected.

In addition to conventional soil samples, a Bombardier track mounted power screw auger drill was used to collect samples in areas of thick overburden cover. In total 21 auger samples were collected. These samples along with soil samples were also sent to ALS Chemex Labs in North Vancouver for analysis.

Also during the 2000 field program, tags were affixed to the Gai 1 – 65 and Cam 1 – 40 claim posts, as required under the Yukon Quartz Mining Act.

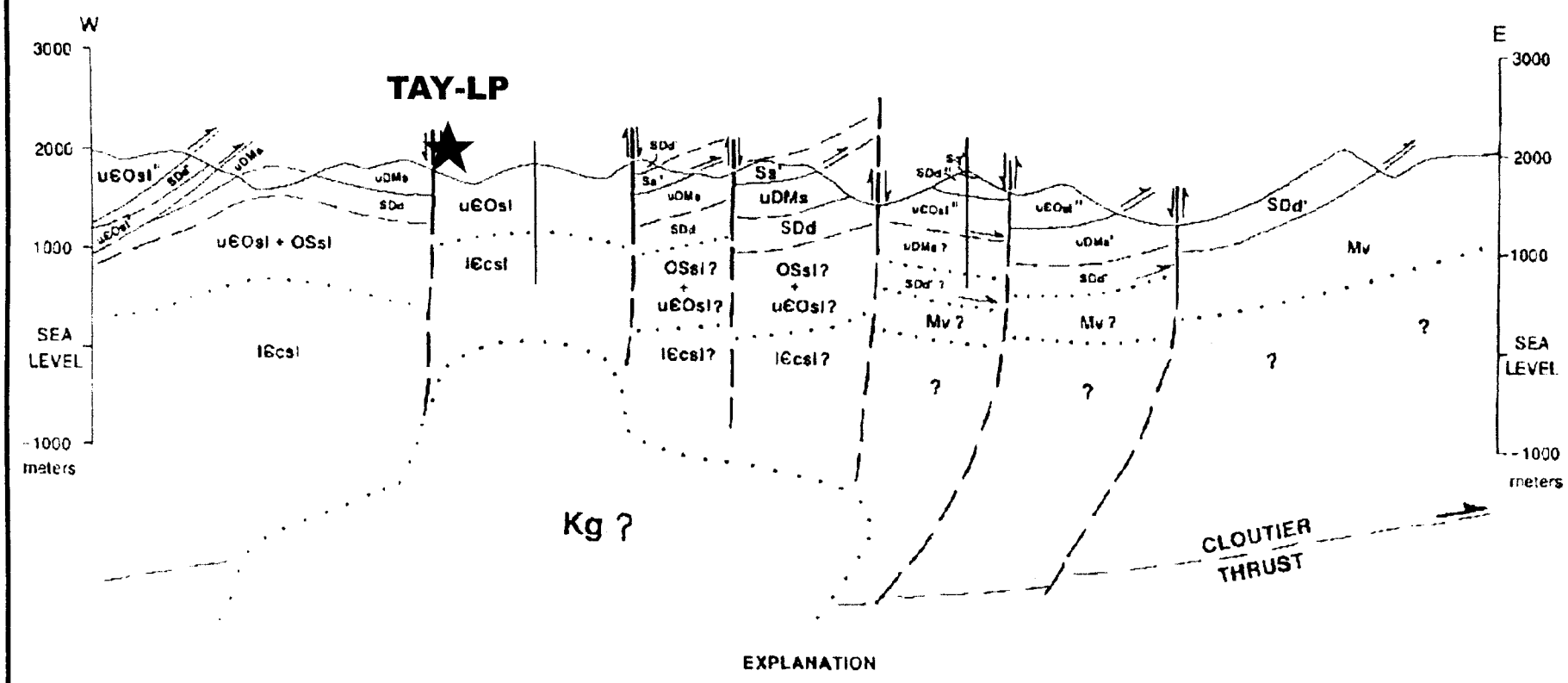
As well, the Try 1 – 60 claims were staked, located contiguously along the western property boundary. These claims cover an area of approximately 1250 ha. This work was carried out in conjunction with additional soil sampling in an area of anomalous soil results. Work was completed utilizing a Bell 206 helicopter based out of the town of Ross River, between the dates August 13$^{th}$ and 15$^{th}$.

## 7.0 GEOLOGY

### 7.1 Regional Geology & Mineral Occurrences (Figure 3)

The regional geological setting is presented at 1:250,000 scale on Geological Survey of Canada map Open File report 486. A description of the mineral occurrences and mineral potential of the area is best given in Abbott, 1986. A summary regional geological map taken from this report is shown in Figure 3.

The region is underlain by a sequence of moderately folded and faulted Paleozoic miogeosynclinal strata of the Pelly-Cassiar platform, considered to be autochthonous to the




EXPLANATION

**CRETACEOUS AND (?)EARLY TERTIARY**

**KTqfp** Dark green, fine grained biotite-bearing mafic dikes. Minor quartz feldspar porphyry.

**Kg** Homogenous, medium grained, biotite quartz monzonite.

**LATE DEVONIAN AND MISSISSIPPIAN**

**Mv** Undifferentiated felsic and mafic volcanics, hornblende syenite, and black shale

**uDMs** Black shale, chert grit, and chert conglomerate.

**SILURIAN, EARLY AND MIDDLE DEVONIAN**

**SDd** Buff, grey, and red weathering dolomite, with lenses of massive quartz arenite.

**Sa** Grey weathering platey, thinly laminated dolomitic siltstone.

**Sq** Massive grey weathering quartz arenite.

**ORDOVICIAN AND SILURIAN**

**OSsl** Black, graptolitic shale, minor chert

**LATE CAMBRIAN AND EARLY ORDOVICIAN**

**uEOslv** Grey-buff weathering thinly laminated calcareous phyllite, tuffaceous phyllite, with some mafic tuffs, and flows.

**uEOb** Resistant dark green mafic flow or sill.

**EARLY CAMBRIAN**

**lEcsl** Grey weathering calcareous mica schist and marble.

Footwall of the Cloutier Thrust Sheet

Hangingwall of the Cloutier Thrust Sheet

Strata above the Upper Seagull Thrust

Strata between the Upper and Lower Seagull Thrusts

Geological contact; defined, approx., assumed

Bedding; inclined, vertical

Foliation; phase 2, phase 1, inclined, vertical

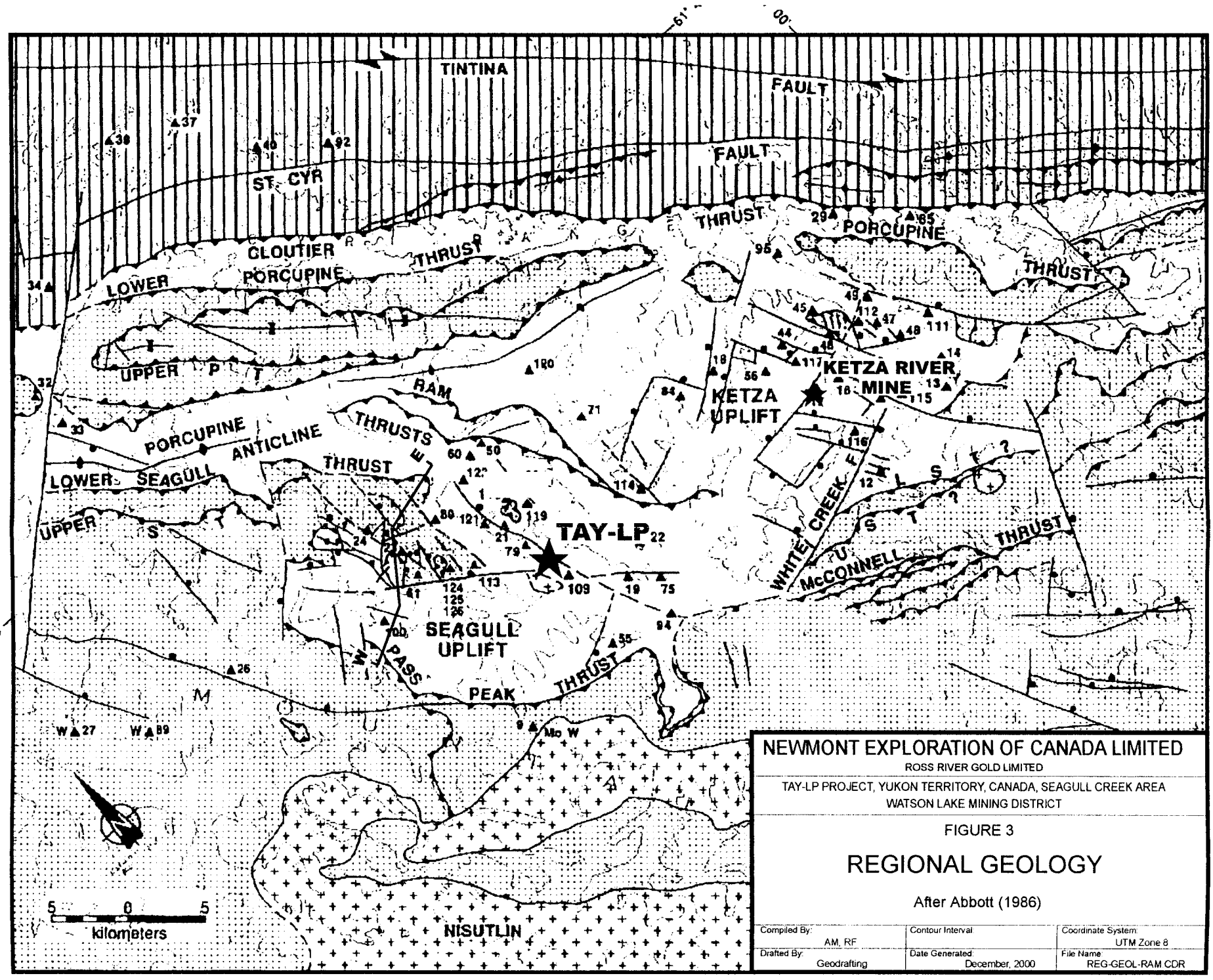
Steep dipping fault; sense of movement unknown

Normal fault

Thrust fault

Epigenetic mineral occurence or deposit 20 ▲

## Figure 3 Legend




| NEWMONT EXPLORATION OF CANADA LIMITED | | |
|---|---|---|
| ROSS RIVER GOLD LIMITED | | |
| TAY-LP PROJECT, YUKON TERRITORY, CANADA, SEAGULL CREEK AREA<br>WATSON LAKE MINING DISTRICT | | |
| FIGURE 3 | | |
| REGIONAL GEOLOGY | | |
| After Abbott (1986) | | |
| Compiled By: AM, RF | Contour Interval: | Coordinate System: UTM Zone 8 |
| Drafted By: Geodrafting | Date Generated: December, 2000 | File Name: REG-GEOL-RAM CDR |

North American craton. The units which make up this stratigraphic sequence range in age from Lower Cambrian to Mississippian, and include the rock types siltstone, quartzite, limestone, argillite, phyllitic mudstone, calcareous phyllite, schist, shale, dolostone, silty dolostone and late felsic and mafic volcanic flows, tuff and agglomerate.

Structurally, the region is dominated by four significant thrust faults; namely, the McConnell, Porcupine-Seagull-Pass Peak, Cloutier and St. Cyr, and by the Ketza-Seagull Arch. Thrusts generally dip to the southwest and trend to the northwest, parallel to the Tintina fault. Thrusting is believed to have occurred during the Late Jurassic and Early Cretaceous. The Tintina fault, located approximately 30 kilometres to the northeast of the Ram property, has undergone at least 450 kilometres of dextral movement since the middle Cretaceous.

The Ketza-Seagull Arch is described as a domal uplift forming a broad area in which the strata in the lower Cloutier thrust sheet are exposed beneath the Porcupine-Seagull thrust. The Ketza-Seagull Arch is divided into the Ketza and Seagull uplifts, believed caused by uplift about one or more buried Cretaceous intrusions. Abbott notes that most gold and silver mineralization located in the Pelly Mountains of Central Yukon forms two adjacent clusters at the Ketza and Seagull uplifts, and he infers that this mineralization is related to the buried intrusions, which are believed to have caused this uplift.

The mineral occurrences about the Ketza and Seagull uplifts show evidence of concentric metal zoning around an auriferous core. At Ketza, this is described as a zonation from gold rich pyrrhotite-arsenopyrite mantos and veins and quartz-arsenopyrite veins to barren pyrrhotite-pyrite-siderite mantos and veins through silver and galena rich siderite veins. This zonation is postulated to be a function of a large hydrothermal system related to a buried Cretaceous intrusion; alternatively, the zonation may be a function of the stratigraphic position of the mineralization, the auriferous veins and mantos hosted within the Lower Cambrian strata while the silver-galena rich mineralization is hosted within Upper Cambrian and younger strata. The Ketza deposit in 1986 had delineated reserves of 1.0 million tonnes averaging 13.7 g/t Au.

At the Seagull uplift, auriferous mineralization at the Ram claims appears to represent part of a central area within concentric zones of argentiferous and base metal occurrences. This

pattern is based on preliminary data and should be confirmed with more detailed studies to be stated more confidently. However, known mineral occurrences appear to demonstrate a zonation from a central gold-arsenic-bismuth zone at Ram, outward and northward to more arsenic rich, then silver rich and finally lead-zinc-barite rich occurrences.

## 7.2 Property Geology

Mapping during the 2000 program expanded on and filled in the limited amount of existing geological mapping data, to include the most prospective areas of the project. Geological data is shown on Plates 1a, b and c and 2a, b and c.

### *7.2.1 Lithology (Plates 1a, 1c & 2a, 2c)*

The project area is underlain by a sequence of northwesterly striking, shallowly to moderately westerly and easterly dipping Lower Cambrian to Mississippian age meta-sedimentary and overlying meta-volcanic rocks, intruded by Cretaceous age quartz monzonite and Mississippian age syenite. Lower Cambrian to Ordovician age phyllite and quartz-muscovite-chlorite-biotite schist underlies the largest area of the project. Other lithologies comprising the stratigraphic sequence include dolostone, quartzite, slate and meta-tuff. Magnetite and chlorite calc-silicate skarn occurs in association with Cretaceous age intrusives.

A preliminary stratigraphic column is given below in Table 2.

Intrusive rocks, which outcrop on the property, include a quartz monzonite stock located to the north of Tolbert Creek, and Upper Devonian to Mississippian age syenite, located to the east of Seagull Creek. A postulated buried intrusive is situated immediately to the south of the Tolbert Creek Quartz Monzonite. A spatial relationship can be inferred between the Cretaceous age quartz monzonite stock at Tolbert Creek and gold mineralization, which occurs along Seagull Creek to the east.

### *7.2.2 Structure (Plates 1a, 1c & 2a, 2c)*

Structural features identified on the project include northwest and west-northwest faulting, and a penetrative metamorphic fabric imparting phyllitic to schistose textures on the meta-

**Table 2: Preliminary Stratigraphic Column**

Cretaceous

- **(Kqm) Biotite Quartz Monzonite – Granite**: medium grained, equigranular, light orange to light greenish grey colour; fresh to moderately sericite, +/- chlorite +/- quartz (veins) +/- iron oxide altered; quartz veins locally common with strong sericite – silica envelopes +/- pyrite + arsenopyrite.

- **(skn) Skarn:** age unknown; dark to light green and black, massive magnetite, pyrite, chlorite, amphibole, silica, calcite, wollastonite (?), pyroxene.

Upper Devonian - Mississippian

- **(Mt) Meta-volcanic tuff:** rusty weathering, light green to grey colour, fine grained, siliceous, pyritic; 1 - 5% fine grained disseminated pyrite, locally quartz crystals, "sericite schist".

- **(My) Syenite:** medium to fine grained, dark orange brown colour, moderately to strongly magnetic, blocky weathering.

- **(uDMs) Slate:** black to dark grey colour, weakly phyllitic, weakly iron oxide stained, minor interbedded light grey to greenish metasiltstone or ash tuff (?).

Silurian - Devonian

- **(SDd) Dolostone:** tan to grey weathering, medium to light grey colour, weak fizz with HCL on scratched surface.

- **(SDq) Quartzite:** rusty and grey weathering, medium grey colour, faintly banded, with local bluish "quartz eyes".

Upper Cambrian – Ordovician

- **(uEOp) Phyllite:** dark to medium grey to black or greenish grey colour, non-graphitic or graphitic, non-calcareous or calcareous, quartz lenses, some shale, metasiltstone (?), marble.

Lower Cambrian

- **(lEm) Marble:** light grey to black and tan weathering, medium to light grey colour, weakly banded, typically <10 metres to 50 metres thick beds, interbedded with phyllite

- **(lEs) phyllite** and **quartz – muscovite - chlorite – biotite schist:** greenish grey, grey-brown and grey colour, calcareous or non-calcareous, predominantly phyllitic texture grades to schist.

sedimentary rocks. This moderately well developed metamorphic texture is best developed in Lower Cambrian to probable Upper Devonian age rocks, occurring typically sub-parallel to the predominantly northwest trend of sedimentary bedding. Minor folding was noted in outcrop as small-scale isoclinal folds, typically having shallow to moderate plunges in variable directions.

The northwest trending Seagull Fault, which is located east of and parallel to Seagull Creek, is well documented in previous work and is mapped as a thrust fault on GSC Open File 486. This fault is not seen in outcrop, however, it is readily apparent in the topographical expression of the terrain. The Seagull fault trends approximately 330°. This fault marks a break between phyllite dominant stratigraphy of probable Upper Cambrian to Ordovician age to the west with Mississippian age slate and meta-volcanic rocks to the east.

West-northwest cross faulting at Tay-Lp is evident from the EM geophysical data. Geological mapping agrees with the location of these faults, which appear to truncate lithological units. These cross faults trend approximately 290° to 310°. Electromagnetic data from the 2000 airborne survey suggests that there has been left lateral strike slip movement along these faults, possibly offsetting mineralization.

West-northwest faulting located northeast of the Tolbert Creek intrusive may have undergone dip-slip movement, possibly related to uplift about this or a postulated buried intrusive in this area. This uplift appears to define a block of Lower Cambrian age stratigraphy, which is host to significant mineralization located along Seagull Creek.

### *7.2.3 Alteration (Plates 1b & 2b)*

Alteration at the project area is defined by a low grade regional metamorphic alteration of the meta-sedimentary rocks including very weak chlorite, and in the schistose rocks, muscovite, quartz and biotite. As well, graphitic alteration is related to movement along foliation planes and faulting and quartz and quartz-iron carbonate tension gash veins crosscut and parallel foliation.

Alteration associated with gold mineralization is believed to reflect hornfels zones related to mineralizing intrusive activity. Alteration occurs in association with pyrrhotite and pyrite +/-

chalcopyrite, tellurbismuth, bismuthinite, galena and gold as zones of silicification and tourmaline (+/- biotite?). Within these altered or hornfels zones strong quartz veining is often present. Minor amounts of disseminated pyrite and pyrrhotite along with quartz-tourmaline veinlets may form broader envelopes to areas of stronger alteration.

Alteration of intrusive rocks is variably weak to strong, including sericite, silicification, clay, tourmaline and quartz sulphide veins. The Tolbert Creek quartz monzonite is cut by flat lying quartz sulphide veins, which contain minor amounts of arsenopyrite and pyrite. These veins and related fractures are often enveloped by strong sericite alteration. This intrusive can also be weakly to moderately sericite altered away from veining. Tourmaline is reported at this intrusive.

## 8.0 MINERALIZATION

### 8.1 Previous Work

Past work has identified gold mineralization associated with quartz veins, quartz stockwork zones and replacement zones, hosted within calcareous schist, phyllite and marble. The most important area discovered to date occurs over a three-kilometre long northwest trend along **Seagull Creek**, at the junction with Tolbert Creek. This mineralized zone is evident as a coincident EM and magnetic geophysical anomaly. This anomaly is the western anomaly within the area labeled *Anomaly Group A* on Plate 5d, Geophysical Interpretation.

Quartz veining and stockwork zones account for most of the mineralization intersected in drilling at this area. Veins consist of quartz and variable amounts of tourmaline, up to >20% of vein material. Vein mineralogy includes pyrrhotite, ranging up to >40 %, +/- chalcopyrite, pyrite, arsenopyrite, bismuthinite, native bismuth, tellurbismuth, galena, marcasite and native gold. Tourmaline and silica form alteration or replacement zones with pyrrhotite and pyrite along vein margins. Individual veins are one centimetre to greater than 10 metres wide, and reportedly grade into stockwork zones. Some of the veining has undergone brecciation, likely during the mineralizing event. Veining is believed to be steeply dipping and northwest trending.

Replacement mineralization along this trend is closely associated with veining. This mineralization occurs as disseminations and possibly stratabound bands of pyrrhotite +/- minor chalcopyrite +/- pyrite parallel to foliation, associated with tourmaline and silica alteration, hosted within schist. Marble also is host to replacement or manto style mineralization, the best example of this occurring at the Gossan Showing trench, located along Tolbert Creek. Here, massive to semi-massive sulphides replace marble and occur along foliation planes in altered calcareous schist. Sulphides include pyrrhotite, arsenopyrite +/- pyrite +/- chalcopyrite. Quartz veins also occur at this location. Surface sampling at this showing has returned up to 5.0 g/t gold across 9.25 metres. Select samples have returned 28.4 g/t.

Immediately to the east, and parallel to the mineralization described above, a second coincident EM and magnetic geophysical anomaly has been drill tested in the past. This anomaly is the eastern anomaly at *Anomaly Group A,* and is coincident with the Camp Soil Anomaly, as described in section 9.0 Geochemistry, in this report. Diamond drilling here has returned up to 4.0 g/t gold over 2.0 metres (hole 87-9). Most holes drilled in this area intersected weakly anomalous gold values with shorter intervals of >1g/t. The anomalous gold results as reported in drill logs are related to quartz-pyrrhotite-tourmaline +/- chalcopyrite stockwork zones and veining.

Drill core and RC chips from previous programs on the Tay-Lp property are presently stored at the camp location in the central claims area. Some of the core remains intact although some core and RC samples have been disrupted. It was noted that not all mineralized core was originally split for sampling.

Elsewhere, previously collected samples of quartz vein and sulphide float material from north of Tolbert Creek and southwest of Seagull Creek and hole 91-24, returned anomalous gold values of >25g/t. The sources of this sample material have not been located.

### 8.2 2000 Rock Samples

In total, 32 rock samples were collected at Tay-Lp during the course of the 2000 exploration program. Sample descriptions, sample preparation and analytical procedures and analytical

results are appended to this report. Samples are plotted on Plates 3a – 3f and 4a – 4f, with anomalous samples listed in Table 3.

**Table 3: Anomalous 2000 Rock Sample Results**

| Sample No. | Location | Au (ppb) | Sb (ppm) | As (ppm) | Bi (ppm) | Cu (ppm) | Pb (ppm) | Ag (ppm) | Comments |
|---|---|---|---|---|---|---|---|---|---|
| **2334** | **Marmot Showing** | **225** | **22.0** | **>10000** | **36.0** | **313** | **4470** | **17.6** | **Grab of 15cm quartz-ankerite-py-asp+/-gn float block** |
| **2335** | **Marmot Showing** | **275** | **40.0** | **>10000** | **190.0** | **1000** | **4250** | **54.6** | **Grab of 20cm quartz-ankerite-py-asp-po-gn-sph-cpy float block** |
| **2339** | **Marmot Showing** | **15** | **1.9** | **6900** | **19.75** | **422** | **56** | **3.22** | **Grab of 1 –3cm wide quartz-py veinlets in silicified host float** |
| **2473** | **Tolbert Cr. Area** | **75** | **5.2** | **662** | **1.85** | **3.0** | **6** | **0.36** | **Grab of siliceous and brecciated subcrop** |
| **2474** | **Tolbert Cr. Area** | **4120** | **10.0** | **226** | **3160** | **272** | **828** | **34.0** | **15 cm float block of quartz vein w/ py-cpy** |
| **2477** | **Tolbert Cr. qz monzonite** | **<5** | **0.1** | **2110** | **115.5** | **2.2** | **536** | **22.5** | **Grab of 10 cm quartz-py-asp vein in quartz monzonite** |
| **0538** | **Seagull Creek** | **620** | **0.2** | **11.6** | **36.4** | **308** | **10** | **0.26** | **Grab of py-cp mineralized hornfels outcrop at DH85-1** |
| **Try-01** | **Tolbert Cr. Area** | **1135** | **138** | **>10000** | **42** | **1** | **982** | **8.2** | **10 cm float block of intensely oxidized material** |

The most significant results have been returned from samples collected at the Tolbert Creek soil anomaly area. Here, sample **2474** returned 4.1 g/t gold from quartz-sulphide float material, while sample **Try-01** returned 1.1 g/t gold from highly oxidized talus material. These samples also returned anomalous bismuth, arsenic, antimony, silver, copper and lead.

To the south of this area at the Tolbert Creek quartz monzonite, sample **2477** returned anomalous bismuth and arsenic values from narrow, flat lying quartz veins containing minor arsenopyrite and pyrite. Quartz vein float previously collected in the area has been reported to have assayed 25.4 g/t gold, as noted above.

At the north end of the property, samples **2334**, **2335** and **2339** were collected from quartz-ankerite-pyrite +/- arsenopyrite +/- galena +/- pyrrhotite +/- sphalerite +/- chalcopyrite veins, at the Marmot Showing.

# 9.0 GEOCHEMISTRY

## 9.1 Regional Geochemical Surveys

The property area falls within the 1985 regional stream sediment geochemical reconnaissance survey GSC Open File 1290 of map sheet 105F. A review of this data clearly shows the Seagull area as one of two lobes of an area of elevated gold. The easterly lobe covers the Ketza Mine area. Arsenic and antimony are also clearly elevated in these two areas. Stream sediment sample locations and results for samples which fall within the mapped area are plotted on Plates 3a – 3f and 4a – 4f.

## 9.2 Property Soil Geochemical Survey Procedures and Statistical Analysis

Soil sampling was completed along 400 metre and 200 metre spaced east – west oriented grid lines, with samples collected at 100 metres intervals. Grid lines were established by compass and hip chain, and the end points along lines were surveyed using hand held GPS. Lines were marked with pink flagging tape, while sample stations were marked with pink and blue flagging and metal tags embossed with sample numbers. Grid lines were located to include areas of known mineral occurrences as well as geophysical anomalies. Samples were not collected along the valley floor of Seagull Creek, nor where the presence of thick glacial deposits was indicated. A total of 509 soil samples was collected. Soil sample locations are shown on Plates 3a and 4a.

Samples were collected using a mattock at depths of between 15 to 40 centimetres and placed in paper kraft type soil bags for shipment to the lab. Attempts were made to sample the B-horizon soil profile, however, it was noted that the soil development was quite variable and it was often difficult to identify a clear B-horizon development. A white ash layer exists in the area, typically only a few to tens of centimetres in thickness and typically near the present soil surface. Samples were collected below this layer where identified.

Soil samples were shipped to ALS Chemex Labs in North Vancouver where they were analyzed for gold by FA-AAS and for a 32 - element ultra trace package by ICP. Sample

preparation and analytical procedures are appended to this report along with analytical certificates.

A list of the Newmont sample standards sent to the lab with soil samples is also appended to this report.

The soil data reveals a moderate to strong correlation between the elements gold – silver – arsenic – antimony – bismuth - lead. As well, gold is weakly to moderately correlated with a second group of elements copper – cobalt – nickel – iron. Tungsten also shows a weak positive correlation with gold.

Soil sample results for the elements gold, bismuth, arsenic, antimony and silver are plotted on Plates 3b – 3f and 4b – 4f. Plots are based on the evaluation of histograms and mean and standard deviations. Comparison of standard deviations with the histogram curves was used to determine meaningful values for plotting of anomalous data. All of the data sets examined tended to have a strong positive skewness with a number of high outlying data points. Therefore, log transformation of the data was used to determine mean and standard deviation values. Histograms and selected correlation coefficients are appended to this report.

### 9.3 Property Soil Geochemical Survey Results

The results from soil sampling show two areas of anomalous gold values, labeled on the above listed figures as Tolbert Creek and Camp Soil Anomalies. The most significant of these is the **Tolbert Creek Anomaly.** This multi-element anomaly is centered approximately 4.5 kilometres west northwest of the junction between Tolbert Creek and Seagull Creek, or about one kilometre to the north of Tolbert Creek, situated above tree line on the upper rounded slopes to Seagull valley. Overburden cover here is estimated to be thin. This anomaly consists of an approximately 1200 x 1200 metre area, defined by >10 ppb gold values. Within this area is an irregular shaped central >20 ppb gold anomaly measuring approximately 600 x 800 metres. Highly anomalous arsenic, as well as anomalous antimony, bismuth, silver and lead were also returned from this area. Values range up to 220 ppb gold, >10000 ppm arsenic, 54 ppm antimony, 28 ppm bismuth, 2990 ppm lead and 11.2 ppm silver. This anomaly is defined along 200 metre and 400 metre spaced soil lines, and

although the samples collected to date appear to delineate the strongest part of the anomaly, this anomaly remains open to the north and south.

The underlying geology at this area is relatively unknown as the anomaly was identified late in the field program and the area was not mapped. This area may be underlain by Lower Cambrian age stratigraphy. Rock types noted during sampling include silty carbonate, dolostone and dark grey phyllite. Some flat lying quartz veins were also noted.

This soil anomaly overlies a coincident magnetic and EM anomaly, which is one of a group of geophysical anomalies here and to the north, labeled on Plate 5d as *Anomaly Group C*.

Stream sediment samples from creeks in this area have returned anomalous results of up to 85 ppb gold, 5500 ppm arsenic and 3.0 ppm antimony.

Southeast of the Tolbert Creek geochemical anomaly, spotty elevated gold, silver, arsenic and bismuth values occur around the Tolbert Creek quartz monzonite stock. This area is only partly covered by the soil grid, however spot high values range up to 105 ppm gold, 4.7 ppm silver, 714 ppm arsenic and 21.1 ppm bismuth.

The **Camp Anomaly** is located along the lower slopes of Seagull Valley east of Seagull Creek, directly east of and southward from camp. Somewhat patchy anomalous gold values, ranging between 10 ppb and 105 ppb, occur along an approximate 3.0 kilometre north – northwest trend. Unlike the previous areas, this anomaly lacks a strong multi-element signature, although spotty anomalous bismuth and arsenic are present.

This area parallels the known gold mineralization along Seagull Creek to the west, and is located approximately 200 to 500 metres east of this zone. The Camp Anomaly is underlain by coincident linear magnetic and EM geophysical anomalies, as shown on Plates 5b, c and d at *Anomaly Group A*. Schist and phyllite of probable Lower Cambrian age underlie this area, located adjacent to the projected Seagull fault.

At the northern end of the property along the boundary with the Ram claims is a broad area, measuring approximately 1000 by 1200 metres, defined by anomalous antimony, lead and

silver values in soils. Gold values here however were mainly low. Anomalous results range up to 15.6 ppm antimony, 404 ppm lead and 2.4 ppm silver.

## 9.4 Property Auger Geochemical Survey Procedures

As part of the evaluation of the project area, 21 samples were collected using a Bombardier mounted power screw auger drill. Sample locations and results are plotted on Plates 3a – 3f and 4a – 4f. Geological data from the holes is shown on Plates 1a and 2a. Sample descriptions and detailed sampling procedures along with sample preparation and analytical procedures and certificates are appended to this report.

The procedure used with this equipment was to drill to the point of suspected bedrock, often not easily determined, collecting whatever muck and rock chips are clinging to the final five foot long rod, after scrapping off the obvious transported outer material. A six-inch diameter rod was used, which typically extracted abundant sample material for a standard sample size. One exception to this was during wet drilling conditions, which often resulted in most of the sample material washing off of the rod during extraction of the rod string.

## 9.5 Property Auger Geochemical Survey Results

Anomalous auger sample results are given below in table 4. Note that in some cases, as reported below, the auger did not reach bedrock.

**Table 4 Anomalous 2000 Auger Sample Results**

| Sample No. | Location | Au (ppb) | Sb (ppm) | As (ppm) | Bi (ppm) | Pb (ppm) | Ag (ppm) | Comments |
|---|---|---|---|---|---|---|---|---|
| **1759** | **Seagull Cr** | **15** | **0.8** | **150** | **1.87** | **24** | **0.26** | **Test of EM conductor; encountered phyllite + quartz** |
| **1761** | **Seagull Cr** | **15** | **0.3** | **58.4** | **0.96** | **34** | **0.18** | **Test of EM conductor; sampled phyllite** |
| **1763** | **South of DH91-24** | **5** | **1.1** | **2780** | **3.63** | **2** | **0.38** | **Test of EM conductor southern extension; did not reach bedrock** |
| **1765** | **South of DH91-24** | **10** | **0.4** | **30.6** | **1.14** | **12** | **0.14** | **Test of EM conductor; did not reach bedrock** |
| **1767** | **South of DH91-24** | **30** | **<0.1** | **2.6** | **4.5** | **<2** | **0.06** | **Test of EM conductor; sampled quartz-muscovite schist + pyrite** |
| **1778** | **Anomaly Grp C** | **20** | **0.9** | **89.4** | **1.47** | **22** | **0.20** | **Test of EM conductor; did not reach bedrock** |
| **1779** | **Anomaly Grp C NC-4** | **10** | **1.0** | **78.6** | **3.27** | **28** | **0.28** | **Test of EM conductor; did not reach bedrock** |

## 10.0 AIRBORNE GEOPHYSICAL SURVEY

The following is a summary by Jim Wright of Newmont Mining Corp. of the airborne geophysical work.

Fugro Airborne Surveys flew a helicopter-borne magnetic – electromagnetic survey for Newmont Mining Corporation over the Tay-LP property. A total of 727.54 line-kilometres w completed during the period of May 19-28, 2000.

A summary of survey statistics, personnel, and equipment is presented in Appendix VI. The following presents details concerning instrumentation, data acquisition, data processing, and interpretation of the survey. Contoured colour plots, flight line plan, and interpretation are included in the accompanying map pocket (see Plates 5a, b, c, d).

### 10.1 Equipment and Survey Procedure

#### *10.1.1 Navigation*

Video Flight Path Recording System

Type: Panasonic VHS Colour Video Camera (NTSC)

Model: AG 2400/WVCD132

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

Navigation (Global Positioning System)

Airborne Receiver

| | |
|---|---|
| Model: | Ashtech Glonass GG24 |
| Type: | SPS (L1 band), 24-channel, C/A code at 1575.42 MHz, |
| | S code at 0.5625 MHz, Real-time differential. |
| Sensitivity: | -132 dBm, 0.5 second update |

| | |
|---|---|
| Accuracy: | Manufacturer's stated accuracy is better than 10 metres real-time |
| Base Station | |
| Model: | Marconi Allstar OEM, CMT-1200 |
| Type: | Code and carrier tracking of L1 band, 12-channel, C/A code at 1575.42 MHz |
| Sensitivity: | -90 dBm, 1.0 second update |
| Accuracy: | Manufacturer's stated accuracy for differential corrected GPS is 2 metres |

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

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

The Ashtech receiver is coupled with a PNAV navigation system for real-time guidance.

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

### *10.1.2 Magnetic Instrumentation*

Airborne Magnetometer

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

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

Magnetic Base Station

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

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

### *10.1.3 Electromagnetic Instrumentation*

| | |
|---|---|
| Model: | DIGHEM$^V$ |
| Type: | Towed bird, symmetric dipole configuration operated at a nominal survey altitude of 30 metres. Coil separation is 8 metres for 900 Hz, 5500 Hz and 7200 Hz, and 6.3 metres for the 56,000 Hz coil-pair. |

Coil orientations/frequencies:

| orientation | | nominal | actual |
|---|---|---|---|
| coaxial | / | 900 Hz | 1068 Hz |
| coplanar | / | 900 Hz | 875 Hz |
| coaxial | / | 5,500 Hz | 5601 Hz |
| coplanar | / | 7,200 Hz | 7160 Hz |
| coplanar | / | 56,000 Hz | 55710 Hz |

Channels recorded:

5 in-phase channels
5 quadrature channels
2 monitor channels

Sensitivity:

0.06 ppm at 900 Hz Cx
0.12 ppm at 900 Hz Cp
0.12 ppm at 5,500 Hz Cx
0.24 ppm at 7,200 Hz Cp
0.60 ppm at 56,000 Hz Cp

Sample rate:

10 per second, equivalent to 1 sample every 3 m, at a survey speed of 110 km/h.

The electromagnetic system utilizes a multi-coil coaxial/coplanar technique to energize conductors in different directions. The coaxial coils are vertical with their axes in the flight direction. The coplanar coils are horizontal. The secondary fields are sensed simultaneously by means of receiver coils, which are maximum coupled to their respective transmitter coils. The system yields an in-phase and a quadrature channel from each transmitter-receiver coil-pair.

The Dighem calibration procedure involves four stages; primary field bucking, phase calibration, gain calibration, and zero adjust. At the beginning of the survey, the primary field at each receiver coil is cancelled, or "bucked out", by precise positioning of five bucking coils.

The phase calibration adjusts the phase angle of the receiver to match that of the transmitter. A ferrite bar, which produces a purely in-phase anomaly, is positioned near each receiver

coil. The bar is rotated from minimum to maximum field coupling and the responses for the in-phase and quadrature components for each coil pair/frequency are measured. The phase of the response is adjusted at the console to return an in-phase only response for each coil-pair. Phase checks are performed daily.

The gain calibration uses external coils designed to produce an equal response on in-phase and quadrature components for each frequency/coil-pair. The coil parameters and distances are designed to produce pre-determined responses at the receiver, due to the current induced in the calibration coil by the transmitter when a switch closes the loop at the coil. The gain at the console is adjusted to yield secondary responses of exactly 100 ppm. Gain calibrations are carried out at the beginning and end of the survey.

The phase and gain calibrations each measure a relative change in the secondary field, rather than an absolute value. This removes any dependency of the calibration procedure on the secondary field due to the ground, except under circumstances of extreme ground conductivity.

During each survey flight, internal (Q-coil) calibration signals are generated to recheck system gain and to establish zero reference levels. These calibrations are carried out at intervals of approximately 20 minutes with the system out of ground effect. At a sensor height of more than 250 m, there is no measurable secondary field from the earth. The remaining residual is therefore established as the zero level of the system. Linear system drift is automatically removed by re-establishing zero levels between the Q-coil calibrations.

Radar Altimeter

| | |
|---|---|
| Manufacturer: | Honeywell/Sperry |
| Model: | AA 330 |
| Type: | Short pulse modulation, 4.3 GHz |
| Sensitivity: | 0.3 m |

The radar altimeter measures the vertical distance between the helicopter and the ground. This information is used in the processing algorithm which determines conductor depth.

Barometric Pressure and Temperature Sensors

| | | |
|---|---|---|
| Model: | DIGHEM D 1300 | |
| Type: | Motorola MPX4115AP analog pressure sensor | |
| | AD592AN high-impedance remote temperature sensors | |
| Sensitivity: | Pressure: | 150 mV/kPa |
| | Temperature: | 100 mV/°C or 10 mV/°C (selectable) |
| Sample rate: | 10 per second | |

The D1300 circuit is used in conjunction with one barometric sensor and up to three temperature sensors. Two sensors (baro and temp) are installed in the EM console in the aircraft, to monitor pressure and internal operating temperatures.

**10.2 Data Acquisition System**

Digital Recorder

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

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

Analog Recorder

The analog profiles are recorded on chart paper in the aircraft during the survey. Table 2-1 lists the geophysical data channels and the vertical scale of each profile.

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

Table 2-1. The Analog Profiles

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

Field Workstation

Manufacturer: Dighem

Model: FWS: V5.18

Type: Pentium PC

A portable PC-based field workstation is used at the survey base to verify data quality and completeness. Flight data are transferred to the PC hard drive to permit the creation of a

database. This process allows the field operators to display both the positional (flight path) and geophysical data on a screen or printer.

## 10.3 Data Processing

Projection Description

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

### *10.3.1 Magnetic Data*

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

### *10.3.2 Electromagnetic Data*

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

Apparent Resistivity

The apparent resistivity in ohm-m was generated from the in-phase and quadrature EM components for the three coplanar frequencies, using a pseudo-layer half-space model. The

resistivity parameter portrays all the EM information for that frequency over the entire survey area. The large dynamic range makes the resistivity parameter an excellent mapping tool.

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

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

**10.4 Discussion of Results**

Geophysical survey results are presented on Plates 5a, 5b, 5c and 5d. These include respectively flight line locations, magnetic results, electromagnetic results, and an interpretation. All plots are at 1:25000 in the NAD 27 UTM Zone 8N projection. UTM coordinates are annotated at a 5000m interval around the plot edges with internal ticks. Flight line numbers are positioned at the northeastern end of each line, or line segment. Individual readings are annotated with a cross along each flight line.

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

### *10.4.1 Magnetic Results*

Magnetic data (see Plate 5b) are presented in full color image format contoured with a variable interval ranging over 56000 to 69000 nT (approx). The extreme magnetic amplitude, spanning approximately 13000 nT, is associated with several prominent magnetic features. These features are characterized by strong dipolar (i.e. positive/negative couple) responses. The dipolar responses indicate a general southwest dip to most of these magnetic anomalies. Such a dip is generally consistent with the regional strike / dip, suggesting the magnetic bodies are stratiform. The magnetic character, supported by geologic observation, indicate magnetite skarn could well be the source of the strong magnetic features. Weaker positive magnetic anomalies are associated with known intrusive rocks. Such is the case near 624000E / 6826000N and 625900E / 6826700N, where two prominent magnetic highs are located. At both locals, intrusive rocks have been mapped. A major north-northeast structural zone separates the two anomalies. The most magnetic portion of the western intrusive is interpreted at a depth of approximately 800m based on a half-width technique and Peter's Method. The eastern intrusive appear to extend to the southeast off the airborne coverage. A number of other similar magnetic features are interpreted as intrusions.

Two major structural grains are mapped in the magnetic data. The first is an arcuate zone starting near the survey's southeast corner and trending north. As the zone extends to the north, a more northwesterly course is taken. The zone is marked by a swarm of electromagnetic conductors (see below), and a number of the very strong magnetic anomalies noted previously. In addition, a prominent valley courses directly along the zone, likely reflecting recessive weathering. This trend is in turn cut by a northwest fault set, which seems to control the gross geometry of the various interpreted intrusions. A number of the electromagnetic conductors and inferred magnetite skarns also appear to have been cut / offset by these faults. At one local (i.e. 620150E / 6826200N) an isoclinal fold axis is interpreted opening to the northwest.

### *10.4.2 Electromagnetic Results*

Electromagnetic data (see Plate 5c) are presented in full color format contoured with a staged interval. The electromagnetic anomalies are expressed in ppm. A number of map products (see Table 2-1) are available for plotting. Plate 5c shows the in-phase, coplanar, 1000 Hz secondary field. This parameter has the advantage of discrimination toward better conductors and simple anomaly shapes centered over the source conductor. The accompanying CD contains all the various other data types. A northeast – southwest stripping, parallel to the flight lines (see Plate 5a), is noted in all data sets. In addition, are two tie lines bearing at right angle to the flight lines. These are line effects, which should be ignored when interpreting the results.

As noted previously, the majority of conductors are confined to an arcuate zone extending up the center of the survey. Many of the weaker anomalies are very likely mapping fault and/or shears associated with this structural zone. A number of the stronger anomalies may be indicating sulfides, perhaps filling some of the structural zones. As well, generally weak conductors map a number of the northwest faults. These are particularly prominent on the survey's southeast corner. Along the survey's northern edge is an area of numerous, strong conductors. The nature of the responses suggest a lithologic source, likely graphitic sediments. Many of these conductors are offset and/or terminated by faults interpreted from the magnetics.

The strong magnetic features interpreted as magnetite skarns are also reflected in the electromagnetic data. A good example is centered near 623000E / 6831800N. Large negative in-phase anomalies characterize the electromagnetic response. Such anomalies are typical over robust magnetic features and are termed, "magneto-static responses". Electromagnetic data within the influence of such a response are unreliable and should not be interpreted as indicating a lack of conductive material.

Both the magnetic and electromagnetic discussions are summarized on Plate 5d: the geophysical interpretation plot. Magnetite skarns, intrusive bodies, electromagnetic conductor axis, magnetic linears and faults are clearly shown on the plot.

## 11.0 DISCUSSION & CONCLUSIONS

Previous work has outlined significant intrusive related gold mineralization in quartz veining and quartz stockwork zones as well as replacement zones. Mineralization appears to be related to one or more buried intrusive, which has provided mineralizing fluids into and may have helped structurally prepared the Paleozoic age meta-sedimentary rocks. The property is located within an area of domal uplift, which has been inferred to reflect uplift about one or more buried intrusives responsible for mineralization. Evidence supporting this inferred intrusive relationship with the gold mineralization includes the occurrence of altered and mineralized intrusive stocks in close spatial proximity to gold occurrences on the property. This relationship may also be reflected by an apparent concentric metal zonation of epigenetic mineral occurrences, possibly indicating a hydrothermal aureole related to an underlying intrusive event. In addition, intrusive related gold is consistent with the model of gold mineralization along the Tintina Gold Belt, within which the Ram property can be said to occur.

The occurrence of gold mineralization along the Seagull Creek corridor appears to be related to a structural zone running roughly parallel to the Seagull Creek valley. 2000 geophysical data reveals a roughly arcuate alignment of conductors and magnetic anomalies along and adjacent to Seagull Creek, suggestive of an underlying structural control. This arcuate trend may represent a long standing or deeply rooted structural feature, which has provided a site for intrusive activity and mineralization. A number of very strong magnetic high anomalies occur along this arc, some of which were shown to represent magnetite skarn zones, which likely relate to intrusive bodies along this proposed structure. EM conductors along this trend have been shown to relate to sulphide bearing gold mineralization. This underlying structural control may explain the apparent preference of gold mineralization along and adjacent to the Seagull Creek valley.

The role of thrust faulting in relation to mineralization is unclear, however, mineralization along thrust faults is considered an additional exploration target. The property lies in a regional thrust environment and it is possible that unrecognized low angle structures occur on the project. These structures may provide additional exploration targets. It has not been demonstrated conclusively whether Seagull Fault represents a thrust fault or a steeply dipping

fault, however this fault parallels the Seagull Creek corridor and the trend of mineralization on Tay-Lp. As well, the Camp soil anomaly occurs near to this structure, possibly reflecting related mineralization.

As well as structurally controlled mineralization, stratabound mineralization is also considered an exploration target on the Tay-Lp property. Past work has discovered significant gold values with replacement style mineralization.

The exploration target at the Tay-Lp property is steeply and possibly shallowly dipping auriferous quartz veins and stockwork zones, with related gold-bearing replacement mineralization.

## 12.0 RECOMMENDATIONS

Based on the results to date further work is recommended on the following targets, including the Tolbert Creek Soil Anomaly and geophysical *Anomaly Group C*, mineralization located along Seagull Creek at *Anomaly Group A*, geophysical *Anomaly Group B* and the postulated buried intrusive at Tolbert Creek.

The **Tolbert Creek Soil Anomaly** is located near to possibly mineralizing intrusives which appear to cut favorable Lower Cambrian age stratigraphy. Untested coincident magnetic and EM anomalies of *Anomaly Group C* underlie this area and to the north. Anomalous gold and associated elements from stream sediment samples, soil samples and float samples make this area a favorable target for additional exploration. Similar geochemical signatures and similarly northwest trending coincident geophysical anomalies suggest that the cause of the Tolbert Creek anomaly is likely analogous to the mineralization located along Seagull Creek. The Tolbert Creek Soil Anomaly and the surrounding area warrant further exploration consisting of expanded soil coverage, geological mapping and prospecting, followed by diamond drilling.

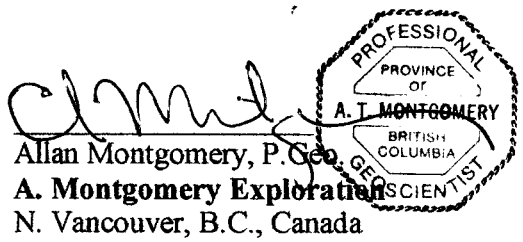
Mineralization identified along **Seagull Creek** and at the **Camp Soil Anomaly** has been the focus of significant drilling and past exploration. Although this area has seen considerable

work, the mineralization here has not been well understood, suggesting that further testing of the area is warranted. Drill intersections such as hole 91-24 with 24.4 metres averaging 3.59 g/t gold make the Seagull Creek target a priority for further drilling. In addition, extensive strike lengths along this trend have not been thoroughly drill tested, including to the south and north along trend of hole 91-24 and between the Gossan Showing and hole 85-1. As well, updated Newmont geophysical data appears to have more clearly outlined anomalies along this trend. Further evaluation of this area should include additional drill testing.

The geophysical anomalies at ***Anomaly Group B*** are located along Seagull Creek to the north of the *Anomaly Group A* and the known mineralization along Seagull Creek. This group of anomalies may represent the northerly faulted continuation of mineralization to the south. The area is completely covered and has not been drill tested. Further work here would rely on diamond or reverse circulation drilling.

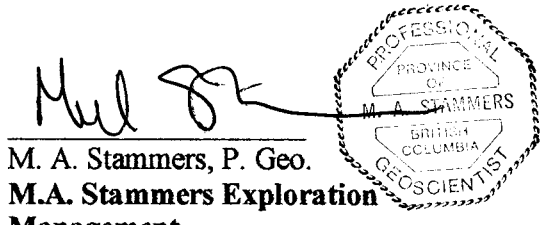
A postulated intrusive link to the gold mineralization at Tay-Lp suggests that a source intrusive may be a valid exploration target. The magnetic data generated by the 2000 airborne survey identifies a postulated buried intrusive west of Seagull Creek at Tolbert Creek. The carapace of this intrusive presents an additional exploration target at Tay-Lp. The Tolbert Creek stock, which is situated to the north of this suspected buried intrusive, is anomalous in arsenic and bismuth within quartz veins. Future work at this target would rely on exploratory diamond or reverse circulation drilling of this geophysical anomaly.

Respectfully submitted,




Allan Montgomery, P.Geo.
**A. Montgomery Exploration**
N. Vancouver, B.C., Canada
December 2000

Respectfully submitted,




M. A. Stammers, P. Geo.
**M.A. Stammers Exploration Management**
N. Vancouver, B.C., Canada
December 2000

# Appendix I

# Bibliography

## Appendix I

## Bibliography


Abbott, J.G., 1986. Epigenetic Mineral Deposits of the Ketza-Seagull district, Yukon; in Yukon Geology, Vol. 1, Exploration and Geological Services Division, Yukon Indian and Northern Affairs Canada, p. 56 – 66.

Allen, D.G., MacQuarrie, D.R. and J.C. Stephen, 1989. Diamond Drilling, Geophysical and Trenching Report on the Tay-Lp Claims; Pacific Comox Resources Ltd.

Heddle, D.W., 1987. Report on the Tay-Lp Claims; for Cinnabar Resources Ltd.

Klein, J., 1985. Airborne and Ground Geophysical Surveys on the Tay and Lp Claims; Cominco Limited.

Pacific Comox, 1992. Summary Drill Report on the Tay-Lp Claims; internal report for Pacific Comox Resources Ltd.

Paterson, I.A. and M.J. Gray, 1985. 1985 Year End Report to Owners, Geological, Geochemical and Diamond Drilling Report on the Tay-Lp Claims; Cominco Ltd.

Paterson, I.A., 1987. Year End Report, Diamond Drilling Report on the Tay-Lp Claims; Cominco Ltd.

Stephen, J.C., 2000. Report on the Tay; Lp and Jef Quartz Claims; Ross River Gold Ltd.

Smith, Moira, 2000. The Tintina Gold Belt: An Emerging Gold District in Alaska and Yukon; in, The Tintina Gold Belt: Concepts, Exploration, and Discoveries, Special Vol. 2, British Columbia and Yukon Chamber of Mines, Cordilleran Roundup, January, 2000.

Tempelman-Kluit, D.J., 1977. Geology of the Quiet Lake and Finlayson Lake map areas, Yukon Territory (105F and G); Geological Survey of Canada, Open File 486.

Tempelman-Kluit, D.J., Gordey, S.P. and B.C. Read, 1976. Stratigraphic and structural studies in the Pelly Mountains, Yukon Territory; in Report of Activities, Part A: Geological Survey of Canada, Paper 76-1A, p. 97-106.

Tolbert, R.S., 2000. Assessment Report on Selective Leach Soil Geochemistry and Prospecting; report on behalf of Ross River Gold Ltd.

# Appendix II

## List of Personnel

**LIST OF PERSONNEL & CONTRACTORS**
**GEOLOGY & GEOCHEMISTRY**

Allan Montgomery, P. Geo.
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Y0B 1M0

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KPI Northern Ltd., Snow removal
PO Box 287
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Richard Gorton, Geologist
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Yvonne Thorton, Senior Sampler
3341 Lakeside Road
Whistler, B.C.

Jan Tindle, Senior Sampler
3341 Lakeside Road
Whistler, B.C.
V0N 1B3

GEOPHYSICAL SURVEY

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

All personnel are employees of Fugro Airborne Surveys, 2270 Argenta Rd., Unit 2 Mississauga, Ontario, L6N 6A6, except for the pilot who is an employee of Kluane Helicopters Ltd, and James Wright who is employed by Newmont Mining Corp.

**Appendix III**
**Statement of Expenditures**

**STATEMENT OF EXPENDITURES**
**TAY-LP GROUP OF QUARTZ MINERAL CLAIMS**

**CANADA** -- In the matter of geophysical, geological and geochemical assessment work filed on the ***Tay-LP Claim Group*** comprising the following claims: Tay 1-21; LP 1-4, 7-25, 33, 35-93, 109-115, 130-139, 153, 155, 157, 159, 165-175; Jef 9, 11-14, 27, 51; Cam 1-40 and Gai 1-65

I, Michael A. Stammers agent for Newmont Mines Limited, 1700 Lincoln Street, Denver, Colorado, do solemnly declare that a program consisting of airborne geophysical surveys, geological mapping and geochemical sampling work was carried out on the ***Tay-LP Claim Group*** during the period May 19, 2000 to August 15, 2000.

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

AIRBORNE GEOPHYSICAL SURVEY

| | | |
|---|---|---|
| 727.54 kilometres x $91.15/km (all inclusive rate) | | $66,315.27 |

PROFESSIONAL FEES AND WAGES

| | | | |
|---|---|---|---|
| A. Montgomery, Geologist | 34.7 days x $425/d | $14,732.38 | |
| M. Stammers, Geologist | 14.2 days x $475/d | 6,740.75 | |
| R. Falls, Geologist | 23.9 days x $375/d | 8,969.06 | |
| J. Tindle, Senior Sampler | 26.9 days x $300/d | 8,084.12 | |
| Y. Thornton, Senior Sampler | 15.3 days x $275/d | 4,209.48 | |
| E. Sinnott, Senior Sampler | 3.2 days x $300/d | 956.70 | |
| | | | $43,692.49 |

EXPENSES

| | | |
|---|---|---|
| Truck Rentals | $5,088.50 | |
| Travel – Gasoline and Diesel | 1,016.37 | |
| Hand Held Radio Rentals | 375.17 | |
| Camp Equipment Rentals | 2,232.30 | |
| Satellite Telephone Rental and Toll charges | 1,501.78 | |
| Camp Groceries | 1,990.83 | |
| Travel – Hotel | 1,467.89 | |
| Travel – Meals | 346.75 | |
| Travel – Air | 1,311.43 | |
| Expediting and Freight Charges | 998.47 | |
| Maps and Reproductions | 378.37 | |
| Field Supplies and Equipment | 3,060.87 | |
| | | $19,768.73 |

**STATEMENT OF EXPENDITURES**
**TAY-LP GROUP OF QUARTZ MINERAL CLAIMS**

DIRECT CHARGES

| | | |
|---|---|---|
| Contract Bulldozer – Snow clearing | $4,856.85 | |
| Fixed Wing Aircraft Charter | 1,648.39 | |
| Rotor Wing Aircraft Charter | 2,887.70 | |
| Contract Bombardier Auger Drilling | 10,982.92 | |
| Contract Long Haul Trucking (auger drill) | 1,580.39 | |
| ALS Chemex Labs Analytical Services | 12,470.00 | |
| | | $34,426.25 |

REPORT PREPARATION

| | | |
|---|---|---|
| A. Montgomery, Geologist (10.8 days x $425/d) | $6,505.56 | |
| Geodrafting Ltd., Audocad Map Preparation | 8,969.23 | |
| Report reproductions, supplies | 400.00 | |
| | | $15,874.79 |

*TOTAL – TAY-LP CLAIM GROUP* *$180,077.53*

And I make this solemn declaration conscientiously believing it to be true and knowing that it is of the same force and effect as if made under oath and by virtue of the Canada Evidence Act. Dated at North Vancouver in the Province of British Columbia this 30 day of December 2000.

Michael A. Stammers, P.Geo.

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

# Appendix IV

## Rock Sample Descriptions

# TAY-LP PROJECT ROCK SAMPLE DESCRIPTIONS

| SAMPLE NO. | PROPERTY | UTM EASTING | UTM NORTHING | SAMPLER | DATE | SAMPLE TYPE | DESCRIPTION |
|---|---|---|---|---|---|---|---|
| 2473 | Tay-Lp | 621556 | 6828337 | am | 18-Jun | float | 1-2m subcrop or float sugary texture qtz (qtzt?) with breccia texture; trc fg PY; weakly limonitic |
| 2474 | Tay-Lp | 621885 | 6828329 | am | 18-Jun | float | <20cm diameter angular blocks grey quartz sulphide vein material with 5% patchy fg - crsg PY + minor CPY; located along creek with anomalous stream sediment result; located in small area of vegetation "kill" |
| 2475 | Tay-Lp | 623812 | 6826672 | am | 21-Jun | float | subangular blocks weakly sericite and qtz veined qtz monzonite; <1cm clear qtz veinlets with 0.5% PYcut intrusive; veins have bands of dark fiberous mineral; weakly limonitic |
| 2476 | Tay-Lp | 623812 | 6826672 | am | 21-Jun | float | 20cm subangular block light grey to white qtz vein, with minor PY; weakly limonitic |
| 2477 | Tay-Lp | 623700 | 6826755 | am | 21-Jun | grab | 10cm wide bull white qtz vein in qtz monzonite, with 0.5% ASP and minor PY; one of several veins this location; weakly limonitic |
| 2478 | Tay-Lp | 623700 | 6826755 | am | 21-Jun | grab | limonitic fractures in qtz monzonite; minor PY; intrusive mod sericite altered |
| 2479 | Tay-Lp | 623622 | 6826762 | am | 21-Jun | grab | 15 cm wide bull white qtz vein in qtz monzonite; flat lying; weakly limonitic |
| 2480 | Tay-Lp | 623561 | 6826821 | am | 21-Jun | select grab | 10cm wide bull flat lying white qtz vein in qtz monzonite, with 0.5% grey blue sulphide and 1% PY; weakly limonitic; strong sericite and silica alteration envelope along vein margins. |
| 2481 | Tay-Lp | 623627 | 6827039 | am | 21-Jun | float | <1.0 meter diameter blocks bull white qtz vein material as float/ subcrop; location of reported 0.6g/t gold value from similar material |
| 2482 | Tay-Lp | 622649 | 6827605 | am | 23-Jun | grab | 2m wide rusty fracture zone with central 10cm wide white to translucent qtz vein; host silty-phyllite? Strong sericite and limonite associated with shear; shear 180/85 |
| 2483 | Tay-Lp | 627733 | 6824339 | am | 25-Jun | float | v. graphitic float in old trench; cut by irregular 2-4mm white qtz veinlets; weakly limonitic |
| 2484 | Tay-Lp | 627682 | 6824370 | am | 25-Jun | grab | massive ferrocrete outcrop below trench of 2483; occurs over <10 meters |
| 2485 | Tay-Lp | 624329 | 68224174 | am | 26-Jun | grab | 20cm bull white qtz vein in phyllite; flat lying; orientation 160/15; vein cut by fractures at 335/75 |

TAY-LP PROJECT ROCK SAMPLE DESCRIPTIONS

| SAMPLE NO. | PROPERTY | UTM EASTING | UTM NORTHING | SAMPLER | DATE | SAMPLE TYPE | DESCRIPTION |
|---|---|---|---|---|---|---|---|
| 2486 | Tay-Lp | 624287 | 6823876 | am | 26-Jun | grab | 40cm bull white qtz vein in phyllite; flat lying; limonitic; orientation 195/10 |
| 2500 | Tay-Lp | 619309 | 6833218 | am | 12-Jul | float | 20cm blocks qtz vein at phyllite and graphitic clay subcrop; <0.5% patchy diss PY and <0.5% fracture controlled GN |
| 0536 | Tay-Lp | 619494 | 6833120 | am | 12-Jul | composite grab | bull white qtz veins in dolostone; veins 1cm - 30 cm wide sheeted with <10cm - >2m separation; weakly limonitic; sheeting outcrops over <100 meters |
| 0538 | Tay-Lp | 624833 | 6826870 | am | 16-Jul | grab | sample of hornfels biotitic(?) schist to phyllite at DDH85-1/Seagull Creek; small area of outcrop along creek at drill access road, rusty weathering, strongly silicified with frothy white qtz and brown fiberous mineral (as seen at Gossan Showing), with <1% - 2% sulphides including PO, PY and CP. |
| 0539 | Tay-Lp | 623392 | 6826370 | am | 16-Jul | grab | 2cm wide drussy, limonitic white-grey qtz veinlet along sericitic - hematitic fracture in Tolbert Cr. Qtz monzonite; fracture at 270/80 |
| 1518 | Tay-Lp | 623720 | 682672? | rf | 22-Jun | grab | 1cm wide qtz veinlet along fracture/joint in granite; trc ASP in vein; vein orientation 145/58NE; weak argillic, potassic altn |
| 1519 | Tay-Lp | 625108 | 6826531 | rf | 23-Jun | grab | banded green/black schistose, calcareous hornfels/skarn, rusty weathering; possible vfg PY; bedding/foln at 091/15 N |
| 1520 | Tay-Lp | 624969 | 6826617 | rf | 23-Jun | grab | interbedded white marble and calcareous hornfels/skarn; PO-PY limonitic <1% |
| 2331 | Tay-Lp | 627394 | 6825402 | rf | 25-Jun | grab | lt green grey sericite schist with 1-5% finely diss PY; strongly limonitic |
| 2333 | Tay-Lp | 625222 | 6822779 | rf | 26-Jun | grab | qtz stockwork over 1x5 meters along possible fault gully at approx. 187; trace PO; limonitic, andaritic and graphitic; host possibly grey phyllite |
| 2334 | Tay-Lp | 619011 | 6834301 | rf | 27-Jun | float | subangular 5x15cm blocks qtz - ankerite material; near a major magnetic anomaly; boulders contian 5% subhedral PY, <1% fine ASP and trc GN; vein is 5cm wide; |
| 2335 | Tay-Lp | 618930 | 6834286 | rf | 27-Jun | float | subangular qtz - ankerite boulder along cat road in area of mag anomaly; boulder contains up to 60% sulphides as PY>ASP>PO>PB>GN>SPH>CPY; |

TAY-LP PROJECT ROCK SAMPLE DESCRIPTIONS

| SAMPLE NO. | PROPERTY | UTM EASTING | UTM NORTHING | SAMPLER | DATE | SAMPLE TYPE | DESCRIPTION |
|---|---|---|---|---|---|---|---|
| 2336 | Tay-Lp | 618897 | 6834195 | rf | 27-Jun | grab | 10cm diameter subangular boulder or subcrop on Cat road/trench at mag anomaly of semi-massive MG in white fg matrix of skarn(?)-calcsilicate minerals; trc PY |
| 2337 | Tay-Lp | 618860 | 6834254 | rf | 27-Jun | grab | 3 meter exposure of v. limonitic siliceous rock with minor PY; possible skarnified, strongly silicified intrusive or sediments; some boxwork texture |
| 2338 | Tay-Lp | 618841 | 6834285 | rf | 27-Jun | float | angular limonitic float adjacent to syenite outcrop; consists of limonitic strongly silicified syenite(?), with stockwork of 1-2mm PY veinlets |
| 2339 | Tay-Lp | 618883 | 6834207 | rf | 27-Jun | float | boulders in old trench of 1-3 cm wide qtz-PY veinlets in strongly silicified, limonitic altered intrusive or sediment host |
| Try-01 | Tay-Lp | 620800 | 6827400 | am | 15-Aug | float | 10cm diameter angular block of very strongly oxidized, boxwork texture material; possible dolostone protolith(?); minor amounts of this material in talus here; located along ridge line, probably very local; collected during soil sampling |
| Try-02 | Tay-Lp | 621100 | 6827400 | am | 15-Aug | composite grab | bull white qtz vein material at soil anomaly; outcrop is silty carbonates and phyllite; collected during soil sampling |
| Try-03 | Tay-Lp | 620200 | 6827000 | nc | 15-Aug | float | composite sample of float material of grey qtz vein and limonitic qtz monzonite, collected during soil sampling; UTM locations approximate |

# Appendix V

## Auger Sample Descriptions & Procedures

| | | | BOMBARDIER AUGER SUMMARY TABLE TAY - LP 2000 | | |
|---|---|---|---|---|---|
| SAMPLE NO. | Hole depth (ft) | SAMPLE INTERVAL | NOTES | utm east | utm north |
| 1756 | 28 | 27' - 28' | TD = 28'; bedrock @ 27' - 28'; slightly graphitic and calcareous phyllite, <1% diss py | 22853 | 29505 |
| 1757 | 63 | 58' - 63' | TD = 63'; did not reach bedrock; sample collected of gravel o/b | 22699 | 29501 |
| 1758 | 63 | 58' - 63' | drilled "B2" 4' hit boulder, moved drill 10m drilled TD = 63'; did not reach bedrock; sample collected of gravel o/b | 22403 | 29702 |
| 1759 | 24 | 23' - 24' | TD = 24'; possible bedrock, but not recovered no material on bit, bedrock hard; sampled gravel o/b | 24599 | 27340 |
| 1760 | 23 | 22' - 23' | TD = 23'; possible bedrock, poor recovery; material sampled gravel overburden thought to be at bedrock | 24519 | 27343 |
| 1761 | 23 | 21' - 23' | TD = 23'; probable bedrock; phyllite | 24503 | 27505 |
| 1762 | 5 | 4.5' - 5' | drilled "B4" to 5' hit probable bedrock, thought it was a boulder, moved drill 10m drilled TD = 5'; bedrock @ 5'; marble up to 1% diss. Pyh +/- py, poor recovery | 24113 | 27683 |
| 1763 | 18 | 17' - 18' | drilled "B5" 20' hit boulders, moved drill 10m and drilled TD = 18'; hit boulder; sampled material above boulder, sand and gravel | 25561 | 24941 |
| 1764 | 16 | 15' - 16' | drilled "B6" 8' hit boulders, moved drill 10m drilled TD = 16' hit probable boulder, sampled gravel above boulder | 25463 | 24950 |
| 1765 | 31 | 30' - 31' | TD = 31'; hit probable boulder, sampled fine gravel of mixed lithologies including some angular qtz shards, one w. py | 25725 | 24291 |
| 1766 | 11 | 9' - 11' | TD = 11'; hit good bedrock of 100% angular clasts of light grey phyllite (qtz - musc schist); trc pyrite | 25628 | 24295 |
| 1767 | 13 | 8' - 13' | TD = 13'; good sample bedrock @ 8', light coloured rusty phyllite (qtz-musc schist), lim., trace py | 25670 | 24315 |
| 1768 | 37 | 35' - 37' | TD = 37'; probable bedrock @ ~36', grey calcareous phyllite/ phyllitic marble; sampled clay with angular grey phyllite clasts (bedrock/ob interface?) some qtz; trace py | 25885 | 23753 |
| 1769 | 55 | 52' - 55' | TD = 55'; did not hit bedrock, machine could not go deeper, samples o/b | 25662 | 24949 |
| 1770 | 43 | 40' - 43' | TD = 43'; bedrock @ 40', blk graphitic dolomitic siltstone, 1% v.f. diss. Py | 26100 | 23495 |
| 1771 | 23 | 18' - 21' | TD = 23'; bedrock @ 18'; light green grey calcareous phyllite, w. chlorite altd, up to 1% fine diss, py | 26270 | 25151 |

| | | | BOMBARDIER AUGER SUMMARY TABLE TAY - LP 2000 | | |
|---|---|---|---|---|---|
| SAMPLE NO. | Hole depth (ft) | SAMPLE INTERVAL | NOTES | utm east | utm north |
| 1772 | 38 | 35' - 38' | TD = 38'; bedrock @ 30', dark grey phyllitic dolostone w graphitic partings, minor qtz vn, 1% f. diss py | 26304 | 24702 |
| 1778 | 30 | 29' - 30' | TD = 30', hit boulder, sampled sand and gravel (till) over boulder | 22501 | 29497 |
| 1779 | 83 | 78' - 83' | TD = 83', did not reach bedrock, ran out of rods, sampled o/b material; nb. This hole deepened, original sample 1758 @ 63' | 22403 | 29702 |
| 1780 | 83 | 80' - 83' | TD = 83', did not reach bedrock, ran out of rods, sampled o/b material, grey clay | 22852 | 29088 |
| 2340 | 18 | 13' - 18' | TD = 18'; bedrock @ 11', drk grey to blk slightly calc. Graphitic phyllite, 1 - 3% f.py diss and on fol'n | 26229 | 23495 |

Appendix V
Auger Sample Collection Procedures

***Introduction***

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

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

***General Objectives***

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

**Drilling**

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

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

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

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

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

**Washing a sample**

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

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

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

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

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

**Sampling**

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

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

**Character Samples**

25) The coarse material on the washing sieve should be saved as a character sample.

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

**Mark the site**

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

**Field Data Cards**

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

**Sample Care**

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

b) If the sample is in a cloth or synthetic bag, suspend the bag to allow drainage and drying.

**Sample Shipping**

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

## Appendix VI
## Assay Certificates, Analytical Procedures & List of Sample Standards

## TAT-LP PROJECT 2000 LIST OF SAMPLE STANDARDS

| Sample No. | Chemex gold (ppb) | NEC stand. No. |
|---|---|---|
| 2190 | <5 | SMC-19 |
| 2827 | 6330 | GO3-63 |
| 2935 | 400 | GO2-25 |
| 3200 | 100 | MS-1 (RMG2) |
| 3250 | 95 | MS-1 (RMG2) |
| 3300 | 95 | MS-1 (RMG2) |
| 3400 | 6130 | GO3-111 |
| 3449 | not/ss | G.O.#3 141 |
| 3557 | 95 | MS-1 (RMG2) |
| 3777 | 6550 | GO3-63 |

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## Sample Preparation Procedure - Sieve Screening

**Method:** Sieving

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

The sieve size opening determines which code will be applied.

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

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

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## Sample Preparation Procedure - Save Reject

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

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

**Method:** Sample Storage

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

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

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

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

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## Sample Preparation Procedure - Received as Pulp

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

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

*May 15, 2000*

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# Sample Preparation Procedure - Crushing

**Method:** Crushing

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

The crushing code indicates the weight of the original sample.

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

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# Sample Preparation Procedure - Ring Grinding

Method: Grinding

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

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

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## Fire Assay Procedure - Trace Gold

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

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

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

**International Units:**

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

**American/English Units:**

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

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## Geochemical Procedure - G132 Package

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

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

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

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

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

*Elements for which the digestion is possibly incomplete.

†Reported upon request.

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

**ALS Chemex**

## Fire Assay Procedure - Gold, Silver

**Sample Decomposition:** Fire Assay Fusion
**Analytical Method:** Gravimetric

A prepared sample is fused with a mixture of lead oxide, sodium carbonate, borax, silica and other reagents in order to produce a lead button. The lead button containing the precious metals is cupelled to remove the lead. The remaining gold and silver bead is parted in dilute nitric acid, annealed and weighed as gold. Silver, if requested, is then determined by the difference in weights. Optionally, blanks with known silver and gold content can be assayed at the same time to determine the correction factor for silver loss in the fusion and cupellation.

**International Units:**

| Routine Code | Rush Code | Element | *Sample Weight | Symbol | Detection Limit | Upper Limit |
|---|---|---|---|---|---|---|
| 397 | 474 | Gold | ½ assay ton | Au | 0.1 g/t | 1,000 g/t |
| 997 | 955 | Gold | 1 assay ton | Au | 0.07 g/t | 1,000 g/t |
| 3597 | | Gold | 50 grams | Au | 0.07 g/t | 1,000 g/t |
| 1297 | | Gold | 2 assay ton | Au | 0.03 g/t | 1,000 g/t |
| 1597 | | Gold | 5 assay ton | Au | 0.03 g/t | 1,000 g/t |
| 448 | | Gold | all | Au | 0.002 mg | 30 mg |
| 384 | 473 | Silver | ½ assay ton | Ag | 3 g/t | 3,500 g/t |
| 447 | | Silver | all | Ag | 0.1 mg | 100 mg |

**American/English Units:**

| Routine Code | Rush Code | Element | *Sample Weight | Symbol | Detection Limit | Upper Limit |
|---|---|---|---|---|---|---|
| 396 | 471 | Gold | ½ assay ton | Au | 0.003 oz/ton | 30 oz/ton |
| 996 | 954 | Gold | 1 assay ton | Au | 0.002 oz/ton | 30 oz/ton |
| 3596 | | Gold | 50 grams | Au | 0.001 oz/ton | 30 oz/ton |
| 1296 | | Gold | 2 assay ton | Au | 0.001 oz/ton | 30 oz/ton |
| 1596 | | Gold | 5 assay ton | Au | 0.001 oz/ton | 30 oz/ton |
| 383 | 470 | Silver | ½ assay ton | Ag | 0.1 oz/ton | 100 oz/ton |

*Note:
½ assay ton = 14.5883 grams
1 assay ton = 29.166 grams
2 assay ton = 58.322 grams
5 assay ton = 145.83 grams

# ALS Chemex

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


To: NEWMONT METALLURGICAL SERVICES

10101 E DRY CREEK RD.
ENGLEWOOD, COLORADO
80112

A0021891

Comments: ATTN: MIKE STAMMERS CC: RICHARD GORTON

## CERTIFICATE A0021891

(PNX ) - NEWMONT METALLURGICAL SERVICES

Project: TAY-LP
P.O. # : 21341

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

## SAMPLE PREPARATION

| CHEMEX CODE | NUMBER SAMPLES | DESCRIPTION |
|---|---|---|
| 201 | 105 | Dry, sieve to -80 mesh |
| 214 | 1 | Rcvd as pulp; mesh size checked |
| 202 | 105 | save reject |

* NOTE 1:

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

## ANALYTICAL PROCEDURES 1 of 2

| CHEMEX CODE | NUMBER SAMPLES | DESCRIPTION | METHOD | DETECTION LIMIT | UPPER LIMIT |
|---|---|---|---|---|---|
| 983 | 106 | Au ppb: Fuse 30 g sample | FA-AAS | 5 | 10000 |
| 9201 | 106 | Al %: ICP + ICP-MS package | ICP | 0.01 | 15.00 |
| 9202 | 106 | Sb ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.05 | 10000 |
| 9203 | 106 | As ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.1 | 10000 |
| 9204 | 106 | Ba ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.2 | 10000 |
| 9205 | 106 | Be ppm: ICP + ICP-MS package | ICP | 0.05 | 100.0 |
| 9206 | 106 | Bi ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.01 | 10000 |
| 9235 | 106 | B ppm: ICP + ICP-MS package | ICP | 10 | 10000 |
| 9207 | 106 | Cd ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.01 | 500 |
| 9208 | 106 | Ca %: ICP + ICP-MS package | ICP | 0.01 | 15.00 |
| 9209 | 106 | Cr ppm: ICP + ICP-MS package | ICP | 1 | 10000 |
| 9210 | 106 | Co ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.1 | 10000 |
| 9211 | 106 | Cu ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.2 | 10000 |
| 9212 | 106 | Ga ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.05 | 10000 |
| 9213 | 106 | Ge ppm: ICP + ICP-MS package | ICP-MS | 0.05 | 500.0 |
| 9214 | 106 | Fe %: ICP + ICP-MS package | ICP | 0.01 | 15.00 |
| 9215 | 106 | La ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.2 | 10000 |
| 9216 | 106 | Pb ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.2 | 10000 |
| 9217 | 106 | Mg %: ICP + ICP-MS package | ICP | 0.01 | 15.00 |
| 9218 | 106 | Mn ppm: ICP + ICP-MS package | ICP | 5 | 10000 |
| 9219 | 106 | Hg ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.01 | 10000 |
| 9220 | 106 | Mo ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.05 | 10000 |
| 9221 | 106 | Ni ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.5 | 10000 |
| 9222 | 106 | P ppm: ICP + ICP-MS package | ICP | 10 | 10000 |
| 9223 | 106 | K %: ICP + ICP-MS package | ICP | 0.01 | 10.00 |
| 9224 | 106 | Sc ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.1 | 10000 |
| 9237 | 106 | Se ppm: ICP + ICP-MS package | ICP-MS | 0.2 | 1000 |
| 9225 | 106 | Ag ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.01 | 100.0 |
| 9226 | 106 | Na %: ICP + ICP-MS package | ICP | 0.01 | 10.00 |
| 9227 | 106 | Sr ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.2 | 10000 |
| 9236 | 106 | S %: ICP + ICP-MS package | ICP | 0.01 | 5.00 |
| 9228 | 106 | Te ppm: ICP + ICP-MS package | ICP-MS | 0.01 | 500 |
| 9229 | 106 | Tl ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.02 | 10000 |
| 9230 | 106 | Ti %: ICP + ICP-MS package | ICP | 0.01 | 10.00 |
| 9231 | 106 | W ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.05 | 10000 |
| 9232 | 106 | U ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.05 | 10000 |
| 9233 | 106 | V ppm: ICP + ICP-MS package | ICP | 1 | 10000 |

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To: NEWMONT METALLURGICAL SERVICES

10101 E DRY CREEK RD.
ENGLEWOOD, COLORADO
80112

A0021891

Comments: ATTN: MIKE STAMMERS CC: RICHARD GORTON

## CERTIFICATE A0021891

(PNX ) - NEWMONT METALLURGICAL SERVICES

Project: TAY-LP
P.O. # : 21341

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

## SAMPLE PREPARATION

| CHEMEX CODE | NUMBER SAMPLES | DESCRIPTION |
|---|---|---|
| 201 | 105 | Dry, sieve to -80 mesh |
| 214 | 1 | Rcvd as pulp; mesh size checked |
| 202 | 105 | save reject |

* NOTE 1:

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

## ANALYTICAL PROCEDURES 2 of 2

| CHEMEX CODE | NUMBER SAMPLES | DESCRIPTION | METHOD | DETECTION LIMIT | UPPER LIMIT |
|---|---|---|---|---|---|
| 9234 | 106 | Zn ppm: ICP + ICP-MS package | ICP | 2 | 10000 |

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10101 E DRY CREEK RD.
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80112

Project : TAY-LP
Comments: ATTN: MIKE STAMMERS CC: RICHARD GORTON


Certificate Date: 05-JUL-2000
Invoice No. : I0021891
P.O. Number :21341
Account :PNX

## CERTIFICATE OF ANALYSIS A0021891

| SAMPLE | PREP CODE | | Au ppb FA+AA | Al % | Sb ppm | As ppm | Ba ppm | Be ppm | Bi ppm | B ppm | Cd ppm | Ca % | Cr ppm | Co ppm | Cu ppm | Ga ppm | Ge ppm | Fe % | La ppm | Pb ppm | Mg % |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3156 | 201 | 202 | < 5 | 0.74 | 0.30 | 18.0 | 140.0 | 0.45 | 0.39 | < 10 | 0.40 | 1.52 | 5 | 4.8 | 17.8 | 2.10 | < 0.10 | 1.91 | 20.0 | 6.0 | 0.21 |
| 3178 | 201 | 202 | 10 | 2.03 | 1.00 | 164.0 | 150.0 | 0.60 | 2.36 | < 10 | 0.22 | 0.22 | 28 | 9.2 | 28.0 | 5.10 | < 0.10 | 3.92 | 40.0 | 46.0 | 1.08 |
| 3179 | 201 | 202 | < 5 | 1.60 | 1.00 | 397 | 170.0 | 0.55 | 4.28 | < 10 | 1.20 | 1.25 | 10 | 9.4 | 22.0 | 4.30 | < 0.10 | 3.39 | 10.0 | 44.0 | 2.26 |
| 3186 | 201 | 202 | < 5 | 0.85 | 2.80 | 27.2 | 190.0 | 0.30 | 0.38 | < 10 | 1.10 | 0.73 | 10 | 8.8 | 39.0 | 1.60 | < 0.10 | 2.55 | 10.0 | 40.0 | 0.32 |
| 3187 | 201 | 202 | 5 | 0.74 | 3.00 | 37.8 | 250.0 | 0.25 | 0.32 | < 10 | 0.86 | 1.41 | 10 | 8.6 | 40.8 | 1.40 | < 0.10 | 2.60 | 10.0 | 64.0 | 0.80 |
| 3188 | 201 | 202 | < 5 | 0.56 | 2.10 | 13.2 | 170.0 | 0.05 | 0.18 | < 10 | 0.44 | 0.15 | 9 | 3.8 | 28.2 | 1.50 | < 0.10 | 1.71 | < 10.0 | 18.0 | 0.13 |
| 3189 | 201 | 202 | < 5 | 0.75 | 3.70 | 21.6 | 1140.0 | 0.25 | 0.20 | < 10 | 2.22 | 0.97 | 9 | 6.2 | 31.0 | 1.30 | < 0.10 | 1.99 | 10.0 | 108.0 | 0.22 |
| 3190 | 201 | 202 | 15 | 0.39 | 6.40 | 48.0 | 100.0 | 0.15 | 0.26 | < 10 | 1.16 | 0.17 | 7 | 7.6 | 55.2 | 0.80 | < 0.10 | 3.08 | 20.0 | 216.0 | 0.08 |

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To: NEWMONT METALLURGICAL SERVICES

10101 E DRY CREEK RD.
ENGLEWOOD, COLORADO
80112

Project : TAY-LP
Comments: ATTN: MIKE STAMMERS CC: RICHARD GORTON


Certificate Date: 05-JUL-2000
Invoice No. : I0021891
P.O. Number :21341
Account : PNX

## CERTIFICATE OF ANALYSIS A0021891

| SAMPLE | PREP CODE | Mn ppm | Hg ppm | Mo ppm | Ni ppm | P ppm | K % | Sc ppm | Se ppm | Ag ppm | Na % | Sr ppm | S % | Te ppm | Tl ppm | Ti % | W ppm | U ppm | V ppm | Zn ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3156 | 201 202 | 580 | 0.07 | 2.00 | 7.0 | 820 | 0.05 | 1.0 | 0.5 | 0.20 | 0.01 | 50.0 | 0.08 | < 0.05 | 0.02 | 0.01 | 0.65 | 2.85 | 9 | 46 |
| 3179 | 201 202 | 630 | 0.05 | 1.20 | 9.0 | 630 | 0.14 | 1.0 | < 0.5 | 0.42 | < 0.01 | 35.0 | 0.04 | < 0.05 | 0.14 | 0.04 | 0.70 | 1.20 | 16 | 388 |
| 3186 | 201 202 | 260 | 0.11 | 2.40 | 40.0 | 1120 | 0.05 | 1.0 | 1.5 | 0.78 | < 0.01 | 48.0 | 0.05 | < 0.05 | 0.06 | < 0.01 | < 0.05 | 1.50 | 18 | 206 |
| 3187 | 201 202 | 210 | 0.11 | 3.20 | 42.0 | 1380 | 0.05 | 2.0 | 0.5 | 0.90 | < 0.01 | 38.0 | 0.02 | < 0.05 | 0.06 | < 0.01 | < 0.05 | 1.00 | 18 | 208 |
| 3188 | 201 202 | 75 | 0.10 | 2.60 | 23.0 | 1000 | 0.03 | < 1.0 | 0.5 | 2.40 | < 0.01 | 13.0 | 0.06 | < 0.05 | 0.06 | < 0.01 | < 0.05 | 0.75 | 15 | 112 |
| 3189 | 201 202 | 110 | 0.16 | 5.20 | 38.0 | 860 | 0.03 | 1.0 | 2.5 | 0.88 | 0.01 | 79.0 | 0.09 | 0.05 | 0.12 | < 0.01 | < 0.05 | 1.25 | 13 | 456 |
| 3190 | 201 202 | 105 | 0.07 | 4.40 | 46.0 | 1270 | 0.04 | 1.0 | 2.5 | 1.08 | < 0.01 | 34.0 | 0.03 | 0.05 | 0.14 | < 0.01 | < 0.05 | 1.10 | 16 | 364 |

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## CERTIFICATE OF ANALYSIS A0021891

| SAMPLE | PREP CODE | | Au ppb FA+AA | Al % | Sb ppm | As ppm | Ba ppm | Be ppm | Bi ppm | B ppm | Cd ppm | Ca % | Cr ppm | Co ppm | Cu ppm | Ga ppm | Ge ppm | Fe % | La ppm | Pb ppm | Mg % |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3191 | 201 | 202 | < 5 | 0.47 | 3.00 | 30.6 | 60.0 | 0.15 | 0.30 | < 10 | 0.44 | 0.04 | 7 | 7.2 | 38.0 | 1.90 | < 0.10 | 2.67 | 20.0 | 38.0 | 0.05 |
| 3192 | 201 | 202 | 15 | 1.00 | 4.20 | 113.5 | 150.0 | 0.30 | 0.95 | < 10 | 0.44 | 0.11 | 15 | 7.6 | 47.0 | 1.80 | < 0.10 | 3.48 | 20.0 | 404.0 | 0.25 |
| 3218 | 201 | 202 | < 5 | 0.46 | 1.20 | 31.4 | 110.0 | 0.15 | 0.43 | < 10 | 0.32 | 0.74 | 6 | 4.8 | 19.6 | 1.10 | < 0.10 | 1.39 | < 10.0 | 28.0 | 0.20 |
| 3219 | 201 | 202 | < 5 | 0.86 | 2.70 | 38.2 | 170.0 | 0.30 | 0.65 | < 10 | 0.66 | 0.41 | 13 | 11.0 | 50.0 | 1.70 | < 0.10 | 3.11 | 20.0 | 30.0 | 0.34 |
| 3220 | 201 | 202 | < 5 | 0.83 | 1.60 | 19.8 | 250.0 | 0.20 | 0.30 | < 10 | 0.32 | 0.61 | 8 | 5.8 | 24.2 | 1.70 | < 0.10 | 1.91 | 10.0 | 18.0 | 0.24 |
| 3221 | 201 | 202 | < 5 | 1.03 | 2.20 | 90.8 | 90.0 | 0.30 | 0.93 | < 10 | 0.16 | 0.10 | 14 | 10.2 | 42.6 | 2.20 | < 0.10 | 3.25 | 10.0 | 54.0 | 0.10 |
| 3227 | 201 | 202 | < 5 | 1.36 | 0.90 | 50.2 | 130.0 | 0.35 | 1.41 | < 10 | 0.80 | 0.53 | 21 | 12.2 | 25.4 | 3.20 | < 0.10 | 2.71 | 10.0 | 42.0 | 0.88 |
| 3228 | 201 | 202 | 10 | 1.40 | < 0.10 | 12.4 | 120.0 | < 0.05 | 0.05 | < 10 | < 0.02 | 1.71 | 21 | < 0.2 | < 0.2 | < 0.10 | < 0.10 | 3.77 | 30.0 | 28.0 | 1.27 |
| 3229 | 201 | 202 | < 5 | 1.35 | 0.90 | 76.8 | 120.0 | 0.30 | 1.35 | < 10 | 0.76 | 0.34 | 18 | 9.2 | 17.0 | 3.70 | < 0.10 | 2.85 | 10.0 | 28.0 | 0.66 |
| 3230 | 201 | 202 | < 5 | 1.12 | 0.80 | 23.6 | 100.0 | 0.25 | 0.69 | < 10 | 0.88 | 1.13 | 13 | 5.4 | 27.6 | 2.70 | < 0.10 | 1.46 | 10.0 | 14.0 | 0.43 |

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Certificate Date: 05-JUL-2000
Invoice No. : I0021891
P.O. Number :21341
Account : PNX

## CERTIFICATE OF ANALYSIS A0021891

| SAMPLE | PREP CODE | | Mn ppm | Hg ppm | Mo ppm | Ni ppm | P ppm | K % | Sc ppm | Se ppm | Ag ppm | Na % | Sr ppm | S % | Te ppm | Tl ppm | Ti % | W ppm | U ppm | V ppm | Zn ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3191 | 201 | 202 | 110 | 0.03 | 3.40 | 33.0 | 860 | 0.03 | < 1.0 | 1.0 | 0.88 | < 0.01 | 9.0 | 0.01 | 0.05 | 0.10 | < 0.01 | 0.10 | 0.60 | 24 | 230 |
| 3192 | 201 | 202 | 240 | 0.11 | 5.40 | 40.0 | 710 | 0.05 | 1.0 | 0.5 | 1.58 | < 0.01 | 12.0 | 0.01 | < 0.05 | 0.08 | < 0.01 | 0.15 | 0.85 | 29 | 226 |
| 3218 | 201 | 202 | 290 | 0.08 | 1.20 | 17.0 | 830 | 0.03 | < 1.0 | 1.0 | 0.20 | 0.01 | 34.0 | 0.05 | < 0.05 | 0.02 | < 0.01 | < 0.05 | 0.50 | 11 | 72 |
| 3219 | 201 | 202 | 205 | 0.09 | 2.80 | 45.0 | 1220 | 0.04 | 2.0 | 1.5 | 0.78 | < 0.01 | 29.0 | 0.01 | < 0.05 | 0.06 | < 0.01 | 0.05 | 0.95 | 20 | 178 |
| 3220 | 201 | 202 | 165 | 0.09 | 1.20 | 27.0 | 1000 | 0.03 | 1.0 | 1.0 | 0.52 | 0.01 | 45.0 | 0.05 | < 0.05 | 0.06 | < 0.01 | < 0.05 | 1.35 | 14 | 120 |
| 3221 | 201 | 202 | 185 | 0.03 | 2.60 | 33.0 | 880 | 0.04 | 1.0 | < 0.5 | 0.78 | < 0.01 | 7.0 | 0.01 | < 0.05 | 0.06 | < 0.01 | 0.15 | 0.50 | 22 | 102 |
| 3227 | 201 | 202 | 965 | 0.02 | 2.20 | 37.0 | 930 | 0.07 | 1.0 | 2.5 | 0.22 | < 0.01 | 23.0 | 0.04 | 0.05 | 0.04 | 0.01 | 0.25 | 1.10 | 29 | 152 |
| 3228 | 201 | 202 | 600 | < 0.01 | < 0.20 | 40.0 | 940 | 0.10 | 3.0 | < 0.5 | < 0.02 | 0.01 | 38.0 | 0.03 | < 0.05 | < 0.02 | 0.01 | 1.00 | < 0.05 | 33 | 100 |
| 3229 | 201 | 202 | 370 | 0.04 | 2.60 | 21.0 | 700 | 0.06 | 1.0 | 0.5 | 0.10 | < 0.01 | 18.0 | 0.03 | < 0.05 | 0.06 | 0.01 | 0.70 | 0.85 | 31 | 134 |
| 3230 | 201 | 202 | 170 | 0.05 | 2.20 | 22.0 | 730 | 0.05 | 1.0 | 14.5 | 0.20 | 0.02 | 39.0 | 0.32 | < 0.05 | 0.06 | 0.02 | 0.25 | 9.35 | 19 | 98 |

CERTIFICATION: _____

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Certificate Date: 05-JUL-2000
Invoice No. : I0021891
P.O. Number :21341
Account :PNX

## CERTIFICATE OF ANALYSIS A0021891

| SAMPLE | PREP CODE | | Au ppb FA+AA | Al % | Sb ppm | As ppm | Ba ppm | Be ppm | Bi ppm | B ppm | Cd ppm | Ca % | Cr ppm | Co ppm | Cu ppm | Ga ppm | Ge ppm | Fe % | La ppm | Pb ppm | Mg % |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3231 | 201 | 202 | 70 | 2.36 | 0.70 | 54.2 | 130.0 | 0.80 | 5.60 | < 10 | 0.30 | 0.45 | 36 | 37.2 | 119.5 | 5.60 | < 0.10 | 5.68 | 30.0 | 20.0 | 0.84 |
| 3232 | 201 | 202 | 10 | 1.74 | 0.60 | 32.6 | 130.0 | 0.55 | 1.36 | 20 | 0.42 | 0.55 | 24 | 8.2 | 25.2 | 4.30 | < 0.10 | 2.87 | 20.0 | 10.0 | 0.62 |
| 3233 | 201 | 202 | < 5 | 1.73 | 0.60 | 43.0 | 120.0 | 0.50 | 0.99 | < 10 | 0.76 | 0.10 | 27 | 9.4 | 21.8 | 4.80 | < 0.10 | 3.08 | 20.0 | 28.0 | 0.69 |
| 3234 | 201 | 202 | < 5 | 0.61 | 0.30 | 13.6 | 50.0 | 0.05 | 0.45 | < 10 | 0.18 | 0.04 | 8 | 1.8 | 8.4 | 3.80 | < 0.10 | 1.00 | 10.0 | 10.0 | 0.09 |
| 3235 | 201 | 202 | < 5 | 1.52 | 0.70 | 45.0 | 180.0 | 0.55 | 0.88 | < 10 | 0.30 | 0.75 | 21 | 9.4 | 24.0 | 4.10 | < 0.10 | 2.59 | 10.0 | 26.0 | 0.69 |
| 3236 | 201 | 202 | < 5 | 1.29 | 0.70 | 47.2 | 150.0 | 0.30 | 0.91 | < 10 | 0.34 | 0.47 | 18 | 10.0 | 21.0 | 3.50 | < 0.10 | 2.63 | 20.0 | 24.0 | 0.67 |
| 3237 | 201 | 202 | < 5 | 1.06 | 0.70 | 58.6 | 190.0 | 0.30 | 0.80 | < 10 | 0.36 | 0.47 | 16 | 5.4 | 28.6 | 2.90 | < 0.10 | 2.00 | 10.0 | 46.0 | 0.48 |
| 3238 | 201 | 202 | < 5 | 1.23 | 0.90 | 90.2 | 150.0 | 0.20 | 1.03 | < 10 | 0.44 | 0.30 | 17 | 5.2 | 21.8 | 3.30 | < 0.10 | 2.38 | 10.0 | 34.0 | 0.59 |
| 3239 | 201 | 202 | < 5 | 2.04 | 0.50 | 44.0 | 120.0 | 0.60 | 1.41 | < 10 | 0.34 | 0.39 | 32 | 15.0 | 26.4 | 5.50 | < 0.10 | 3.66 | 20.0 | 22.0 | 0.81 |
| 3240 | 201 | 202 | 5 | 1.89 | 0.60 | 40.2 | 100.0 | 0.40 | 1.85 | < 10 | 0.12 | 0.13 | 28 | 7.6 | 25.2 | 5.20 | < 0.10 | 3.18 | 20.0 | 20.0 | 0.71 |
| 3251 | 201 | 202 | < 5 | 1.46 | 0.90 | 55.2 | 120.0 | 0.60 | 0.85 | < 10 | 0.62 | 0.51 | 23 | 9.8 | 18.6 | 4.40 | < 0.10 | 3.05 | 40.0 | 56.0 | 0.66 |
| 3252 | 201 | 202 | < 5 | 1.46 | 0.90 | 57.6 | 130.0 | 0.70 | 1.11 | < 10 | 0.88 | 0.42 | 20 | 8.6 | 27.6 | 3.90 | < 0.10 | 3.01 | 30.0 | 42.0 | 0.66 |
| 3253 | 201 | 202 | < 5 | 1.35 | 1.00 | 57.8 | 170.0 | 0.60 | 1.32 | < 10 | 0.30 | 0.33 | 13 | 7.6 | 26.2 | 3.60 | < 0.10 | 2.67 | 20.0 | 42.0 | 0.62 |
| 3254 | 201 | 202 | < 5 | 1.78 | 1.30 | 80.2 | 220.0 | 0.45 | 2.21 | < 10 | 0.84 | 0.32 | 19 | 14.2 | 35.0 | 4.50 | < 0.10 | 3.54 | 20.0 | 36.0 | 0.89 |
| 3255 | 201 | 202 | < 5 | 1.57 | 0.80 | 45.6 | 150.0 | 0.40 | 1.18 | < 10 | 0.38 | 0.26 | 13 | 8.6 | 26.8 | 4.20 | < 0.10 | 2.70 | 20.0 | 34.0 | 0.83 |
| 3256 | 201 | 202 | < 5 | 0.89 | 0.30 | 17.2 | 50.0 | 0.15 | 0.75 | < 10 | 0.32 | 0.05 | 11 | 2.4 | 18.0 | 3.20 | < 0.10 | 1.19 | 10.0 | 20.0 | 0.36 |
| 3257 | 201 | 202 | < 5 | 1.16 | 0.40 | 30.6 | 170.0 | 0.35 | 0.74 | < 10 | 0.70 | 0.16 | 16 | 7.8 | 20.0 | 3.20 | < 0.10 | 1.87 | 10.0 | 50.0 | 0.45 |
| 3258 | 201 | 202 | < 5 | 1.67 | 0.70 | 61.0 | 160.0 | 0.40 | 1.13 | < 10 | 0.28 | 0.37 | 21 | 9.0 | 29.8 | 3.90 | < 0.10 | 3.07 | 30.0 | 30.0 | 0.77 |
| 3259 | 201 | 202 | 5 | 1.48 | 0.70 | 45.2 | 190.0 | 0.55 | 1.02 | < 10 | 0.48 | 0.62 | 18 | 9.0 | 31.0 | 3.80 | < 0.10 | 2.59 | 20.0 | 26.0 | 0.59 |
| 3260 | 201 | 202 | 5 | 1.32 | 1.40 | 92.8 | 90.0 | 0.50 | 1.28 | < 10 | 0.92 | 0.36 | 19 | 12.8 | 44.4 | 3.50 | < 0.10 | 3.88 | 30.0 | 40.0 | 0.70 |
| 3261 | 201 | 202 | < 5 | 1.89 | 0.90 | 57.8 | 260.0 | 0.75 | 1.52 | < 10 | 2.32 | 0.61 | 18 | 14.0 | 41.2 | 4.30 | < 0.10 | 3.52 | 30.0 | 32.0 | 0.82 |
| 3262 | 201 | 202 | < 5 | 1.47 | 1.40 | 129.0 | 120.0 | 0.50 | 1.67 | < 10 | 0.60 | 0.09 | 21 | 9.0 | 20.0 | 6.00 | < 0.10 | 4.71 | 10.0 | 54.0 | 0.44 |
| 3263 | 201 | 202 | < 5 | 1.49 | 0.50 | 17.2 | 100.0 | 0.45 | 0.42 | < 10 | 0.20 | 0.20 | 30 | 7.2 | 17.6 | 4.30 | < 0.10 | 2.49 | 40.0 | 18.0 | 0.70 |
| 3264 | 201 | 202 | < 5 | 1.55 | 0.60 | 19.6 | 120.0 | 0.55 | 0.48 | < 10 | 0.26 | 0.33 | 29 | 7.8 | 19.4 | 4.40 | < 0.10 | 2.60 | 40.0 | 18.0 | 0.70 |
| 3265 | 201 | 202 | < 5 | 1.98 | 0.80 | 49.2 | 120.0 | 0.65 | 0.86 | < 10 | 0.60 | 0.14 | 29 | 10.8 | 23.0 | 4.80 | < 0.10 | 3.47 | 20.0 | 32.0 | 0.70 |
| 3266 | 201 | 202 | < 5 | 1.31 | 0.50 | 43.2 | 110.0 | 0.25 | 0.82 | < 10 | 0.50 | 0.22 | 16 | 5.4 | 16.2 | 5.70 | < 0.10 | 2.73 | 20.0 | 26.0 | 0.33 |

CERTIFICATION: _____ +

# ALS Chemex

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


To: NEWMONT METALLURGICAL SERVICES

10101 E DRY CREEK RD.
ENGLEWOOD, COLORADO
80112

Project : TAY-LP
Comments: ATTN: MIKE STAMMERS CC: RICHARD GORTON


Certificate Date: 05-JUL-2000
Invoice No. : I0021891
P.O. Number :21341
Account :PNX

## CERTIFICATE OF ANALYSIS A0021891

| SAMPLE | PREP CODE | | Mn ppm | Hg ppm | Mo ppm | Ni ppm | P ppm | K % | Sc ppm | Se ppm | Ag ppm | Na % | Sr ppm | S % | Te ppm | Tl ppm | Ti % | W ppm | U ppm | V ppm | Zn ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3231 | 201 | 202 | 595 | 0.03 | 1.80 | 51.0 | 640 | 0.16 | 4.0 | < 0.5 | 0.18 | 0.03 | 46.0 | 0.03 | 0.15 | 0.28 | 0.05 | 0.95 | 1.70 | 32 | 90 |
| 3232 | 201 | 202 | 270 | 0.03 | 1.40 | 25.0 | 830 | 0.07 | 1.0 | 0.5 | 0.24 | 0.02 | 35.0 | 0.06 | 0.05 | 0.08 | 0.03 | 0.35 | 2.25 | 25 | 108 |
| 3233 | 201 | 202 | 335 | 0.03 | 2.00 | 24.0 | 480 | 0.07 | 2.0 | < 0.5 | 0.22 | < 0.01 | 11.0 | < 0.01 | < 0.05 | 0.08 | 0.02 | 0.50 | 0.80 | 30 | 104 |
| 3234 | 201 | 202 | 60 | 0.02 | 1.40 | 6.0 | 200 | 0.02 | < 1.0 | < 0.5 | 0.06 | < 0.01 | 7.0 | < 0.01 | < 0.05 | 0.02 | 0.02 | 0.20 | 0.40 | 20 | 26 |
| 3235 | 201 | 202 | 365 | 0.05 | 1.80 | 25.0 | 770 | 0.06 | 1.0 | 0.5 | 0.26 | 0.01 | 31.0 | 0.03 | < 0.05 | 0.06 | 0.02 | 0.30 | 1.75 | 27 | 100 |
| 3236 | 201 | 202 | 360 | 0.01 | 2.20 | 24.0 | 1020 | 0.06 | 1.0 | < 0.5 | 0.08 | 0.01 | 25.0 | 0.01 | < 0.05 | 0.04 | 0.02 | 0.25 | 1.05 | 28 | 126 |
| 3237 | 201 | 202 | 215 | 0.06 | 2.60 | 21.0 | 990 | 0.05 | < 1.0 | 1.5 | 0.44 | 0.01 | 21.0 | 0.04 | < 0.05 | 0.04 | 0.01 | 0.25 | 2.80 | 26 | 116 |
| 3238 | 201 | 202 | 170 | 0.05 | 3.20 | 20.0 | 960 | 0.06 | 1.0 | 1.0 | 0.28 | < 0.01 | 17.0 | 0.02 | 0.05 | 0.04 | 0.01 | 0.90 | 1.10 | 32 | 126 |
| 3239 | 201 | 202 | 445 | 0.03 | 2.00 | 32.0 | 580 | 0.10 | 3.0 | < 0.5 | 0.16 | 0.01 | 25.0 | 0.01 | < 0.05 | 0.10 | 0.04 | 0.50 | 1.20 | 34 | 108 |
| 3240 | 201 | 202 | 180 | 0.02 | 2.20 | 25.0 | 490 | 0.07 | 1.0 | < 0.5 | 0.16 | < 0.01 | 12.0 | 0.01 | 0.05 | 0.12 | 0.02 | 0.55 | 0.90 | 32 | 80 |
| 3251 | 201 | 202 | 620 | 0.03 | 3.60 | 22.0 | 660 | 0.09 | 2.0 | < 0.5 | 0.26 | < 0.01 | 24.0 | 0.01 | < 0.05 | 0.08 | 0.03 | 0.40 | 1.50 | 28 | 158 |
| 3252 | 201 | 202 | 405 | 0.05 | 3.20 | 24.0 | 670 | 0.06 | 1.0 | 0.5 | 0.22 | 0.01 | 22.0 | 0.03 | < 0.05 | 0.06 | 0.01 | 0.30 | 1.95 | 25 | 168 |
| 3253 | 201 | 202 | 555 | 0.03 | 3.40 | 21.0 | 850 | 0.06 | 1.0 | 0.5 | 0.32 | 0.01 | 20.0 | 0.02 | 0.05 | 0.04 | 0.01 | 0.25 | 1.80 | 26 | 138 |
| 3254 | 201 | 202 | 595 | 0.05 | 3.60 | 31.0 | 950 | 0.11 | 1.0 | 0.5 | 0.38 | < 0.01 | 21.0 | 0.04 | 0.05 | 0.08 | 0.01 | 0.45 | 1.90 | 34 | 184 |
| 3255 | 201 | 202 | 185 | 0.02 | 2.60 | 26.0 | 700 | 0.07 | 1.0 | 0.5 | 0.18 | < 0.01 | 14.0 | 0.01 | 0.05 | 0.04 | < 0.01 | 0.30 | 0.90 | 25 | 198 |
| 3256 | 201 | 202 | 40 | 0.02 | 2.20 | 13.0 | 380 | 0.03 | < 1.0 | < 0.5 | 0.10 | < 0.01 | 6.0 | 0.01 | 0.05 | 0.02 | < 0.01 | 0.15 | 0.55 | 23 | 40 |
| 3257 | 201 | 202 | 240 | 0.05 | 2.60 | 22.0 | 850 | 0.05 | 1.0 | 0.5 | 0.40 | 0.01 | 14.0 | 0.02 | 0.15 | 0.04 | < 0.01 | 0.20 | 1.10 | 29 | 138 |
| 3258 | 201 | 202 | 320 | 0.04 | 2.80 | 27.0 | 970 | 0.06 | 2.0 | 0.5 | 0.26 | 0.01 | 23.0 | 0.02 | 0.05 | 0.06 | 0.01 | 0.25 | 1.70 | 29 | 144 |
| 3259 | 201 | 202 | 430 | 0.06 | 2.80 | 24.0 | 930 | 0.04 | 1.0 | 0.5 | 0.20 | 0.01 | 33.0 | 0.05 | 0.05 | 0.06 | 0.01 | 0.25 | 2.30 | 25 | 94 |
| 3260 | 201 | 202 | 335 | 0.03 | 3.40 | 38.0 | 1140 | 0.05 | 2.0 | 0.5 | 0.28 | 0.01 | 20.0 | 0.03 | 0.05 | 0.08 | 0.01 | 0.35 | 1.15 | 27 | 106 |
| 3261 | 201 | 202 | 1275 | 0.09 | 3.20 | 35.0 | 1110 | 0.07 | 2.0 | 1.5 | 0.40 | 0.01 | 37.0 | 0.05 | 0.05 | 0.06 | 0.01 | 0.30 | 3.15 | 28 | 228 |
| 3262 | 201 | 202 | 365 | 0.03 | 5.40 | 24.0 | 470 | 0.06 | 1.0 | < 0.5 | 0.22 | < 0.01 | 10.0 | 0.01 | 0.05 | 0.08 | 0.02 | 0.45 | 0.85 | 38 | 148 |
| 3263 | 201 | 202 | 290 | 0.03 | 1.20 | 21.0 | 620 | 0.05 | 2.0 | < 0.5 | 0.06 | < 0.01 | 16.0 | < 0.01 | < 0.05 | 0.06 | 0.04 | 0.40 | 1.10 | 28 | 70 |
| 3264 | 201 | 202 | 330 | 0.01 | 1.00 | 23.0 | 830 | 0.10 | 3.0 | < 0.5 | 0.14 | 0.01 | 24.0 | < 0.01 | < 0.05 | 0.14 | 0.06 | 0.45 | 1.35 | 31 | 86 |
| 3265 | 201 | 202 | 295 | 0.01 | 2.20 | 30.0 | 560 | 0.05 | 2.0 | < 0.5 | 0.22 | < 0.01 | 12.0 | < 0.01 | < 0.05 | 0.08 | 0.02 | 0.55 | 0.85 | 34 | 100 |
| 3266 | 201 | 202 | 235 | 0.02 | 2.60 | 14.0 | 430 | 0.05 | < 1.0 | < 0.5 | 0.20 | < 0.01 | 15.0 | 0.01 | < 0.05 | 0.08 | 0.02 | 0.70 | 0.70 | 39 | 88 |

CERTIFICATION: _____

# ALS Chemex

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


To: NEWMONT METALLURGICAL SERVICES

10101 E DRY CREEK RD.
ENGLEWOOD, COLORADO
80112

A0021893

Comments: ATTN: RICHARD GORTON CC: MIKE STAMMERS

## CERTIFICATE A0021893

(PNX ) - NEWMONT METALLURGICAL SERVICES

Project: TAY-LP
P.O. # : 21341

Samples submitted to our lab in Vancouver, BC.
This report was printed on 07-JUL-2000.

## SAMPLE PREPARATION

| CHEMEX CODE | NUMBER SAMPLES | DESCRIPTION |
|---|---|---|
| 205 | 15 | Geochem ring to approx 150 mesh |
| 226 | 15 | 0-3 Kg crush and split |
| 3202 | 15 | Rock - save entire reject |

* NOTE 1:

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

## ANALYTICAL PROCEDURES 1 of 2

| CHEMEX CODE | NUMBER SAMPLES | DESCRIPTION | METHOD | DETECTION LIMIT | UPPER LIMIT |
|---|---|---|---|---|---|
| 983 | 15 | Au ppb: Fuse 30 g sample | FA-AAS | 5 | 10000 |
| 9201 | 15 | Al %: ICP + ICP-MS package | ICP | 0.01 | 15.00 |
| 9202 | 15 | Sb ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.1 | 10000 |
| 9203 | 15 | As ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.2 | 10000 |
| 9204 | 15 | Ba ppm: ICP + ICP-MS package | ICP | 10 | 10000 |
| 9205 | 15 | Be ppm: ICP + ICP-MS package | ICP | 0.05 | 100.0 |
| 9206 | 15 | Bi ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.01 | 10000 |
| 9235 | 15 | B ppm: ICP + ICP-MS package | ICP | 10 | 10000 |
| 9207 | 15 | Cd ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.02 | 500 |
| 9208 | 15 | Ca %: ICP + ICP-MS package | ICP | 0.01 | 15.00 |
| 9209 | 15 | Cr ppm: ICP + ICP-MS package | ICP | 1 | 10000 |
| 9210 | 15 | Co ppm: ICP + ICP-MS package | ICP | 0.2 | 10000 |
| 9211 | 15 | Cu ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.2 | 10000 |
| 9212 | 15 | Ga ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.1 | 10000 |
| 9213 | 15 | Ge ppm: ICP + ICP-MS package | ICP-MS | 0.1 | 500 |
| 9214 | 15 | Fe %: ICP + ICP-MS package | ICP | 0.01 | 15.00 |
| 9215 | 15 | La ppm: ICP + ICP-MS package | ICP | 10 | 10000 |
| 9216 | 15 | Pb ppm: ICP + ICP-MS package | ICP | 2 | 10000 |
| 9217 | 15 | Mg %: ICP + ICP-MS package | ICP | 0.01 | 15.00 |
| 9218 | 15 | Mn ppm: ICP + ICP-MS package | ICP | 5 | 10000 |
| 9219 | 15 | Hg ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.01 | 10000 |
| 9220 | 15 | Mo ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.2 | 10000 |
| 9221 | 15 | Ni ppm: ICP + ICP-MS package | ICP | 1 | 10000 |
| 9222 | 15 | P ppm: ICP + ICP-MS package | ICP | 10 | 10000 |
| 9223 | 15 | K %: ICP + ICP-MS package | ICP | 0.01 | 10.00 |
| 9224 | 15 | Sc ppm: ICP + ICP-MS package | ICP | 1 | 10000 |
| 9237 | 15 | Se ppm: ICP + ICP-MS package | ICP-MS | 0.5 | 1000 |
| 9225 | 15 | Ag ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.02 | 100.0 |
| 9226 | 15 | Na %: ICP + ICP-MS package | ICP | 0.01 | 10.00 |
| 9227 | 15 | Sr ppm: ICP + ICP-MS package | ICP | 1 | 10000 |
| 9236 | 15 | S %: ICP + ICP-MS package | ICP | 0.01 | 5.00 |
| 9228 | 15 | Te ppm: ICP + ICP-MS package | ICP-MS | 0.05 | 500 |
| 9229 | 15 | Tl ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.02 | 10000 |
| 9230 | 15 | Ti %: ICP + ICP-MS package | ICP | 0.01 | 10.00 |
| 9231 | 15 | W ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.05 | 10000 |
| 9232 | 15 | U ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.05 | 10000 |
| 9233 | 15 | V ppm: ICP + ICP-MS package | ICP | 1 | 10000 |


**The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him/her and based on an evaluation of all engineering data which is available concerning any proposed project**

**Statement required by Nevada State Law NRS 519**

# ALS Chemex

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


To: NEWMONT METALLURGICAL SERVICES

10101 E DRY CREEK RD.
ENGLEWOOD, COLORADO
80112

A0021893

Comments: ATTN: RICHARD GORTON CC: MIKE STAMMERS

## CERTIFICATE A0021893

(PNX ) - NEWMONT METALLURGICAL SERVICES

Project: TAY-LP
P.O. # : 21341

Samples submitted to our lab in Vancouver, BC.
This report was printed on 07-JUL-2000.

## SAMPLE PREPARATION

| CHEMEX CODE | NUMBER SAMPLES | DESCRIPTION |
|---|---|---|
| 205 | 15 | Geochem ring to approx 150 mesh |
| 226 | 15 | 0-3 Kg crush and split |
| 3202 | 15 | Rock - save entire reject |

* NOTE 1:

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

## ANALYTICAL PROCEDURES 2 of 2

| CHEMEX CODE | NUMBER SAMPLES | DESCRIPTION | METHOD | DETECTION LIMIT | UPPER LIMIT |
|---|---|---|---|---|---|
| 9234 | 15 | Zn ppm: ICP + ICP-MS package | ICP | 2 | 10000 |


The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him/her and based on an evaluation of all engineering data which is available concerning any proposed project

Statement required by Nevada State Law NRS 519

# ALS Chemex

Chemex Labs, Inc.
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PHONE: 775-356-5395 FAX: 775-355-0179


To: NEWMONT METALLURGICAL SERVICES

10101 E DRY CREEK RD.
ENGLEWOOD, COLORADO
80112

Project : TAY-LP
Comments: ATTN: RICHARD GORTON CC: MIKE STAMMERS

Page Number :1-A
Total Pages :1
Certificate Date: 07-JUL-2000
Invoice No. :I0021893
P.O. Number :21341
Account :PNX

## CERTIFICATE OF ANALYSIS A0021893

| SAMPLE | PREP CODE | | Au ppb FA+AA | Al % | Sb ppm | As ppm | Ba ppm | Be ppm | Bi ppm | B ppm | Cd ppm | Ca % | Cr ppm | Co ppm | Cu ppm | Ga ppm | Ge ppm | Fe % | La ppm | Pb ppm | Mg % |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 15 | | | | | | | | | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | | | | | | | | |
| 24 | | | | | | | | | | | | | | | | | | | | | |
| 24 | | | | | | | | | | | | | | | | | | | | | |
| 24 | | | | | | | | | | | | | | | | | | | | | |
| 24 | | | | | | | | | | | | | | | | | | | | | |
| 24 | | | | | | | | | | | | | | | | | | | | | |
| 24 | | | | | | | | | | | | | | | | | | | | | |
| 24 | | | | | | | | | | | | | | | | | | | | | |
| 2473 | 205 | 226 | 75 | 0.11 | 5.2 | 662 | 30 | 0.15 | 1.85 | < 10 | 0.88 | 1.08 | 119 | 1.8 | 3.0 | 0.3 | < 0.1 | 0.71 | < 10 | 6 | 0.19 |
| 2474 | 205 | 226 | 4120 | 0.09 | 10.0 | 226 | < 10 | < 0.50 | 3160 | < 10 | 0.50 | 0.03 | 150 | 32.0 | 272 | < 10.0 | Minrlzd | 7.82 | < 10 | 828 | 0.03 |

CERTIFICATION:

# ALS Chemex

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To: NEWMONT METALLURGICAL SERVICES

10101 E DRY CREEK RD.
ENGLEWOOD, COLORADO
80112

Project : TAY-LP
Comments: ATTN: RICHARD GORTON CC: MIKE STAMMERS

Page Number :1-B
Total Pages :1
Certificate Date: 07-JUL-2000
Invoice No. :I0021893
P.O. Number :21341
Account :PNX

## CERTIFICATE OF ANALYSIS A0021893

| SAMPLE | PREP CODE | | Mn ppm | Hg ppm | Mo ppm | Ni ppm | P ppm | K % | Sc ppm | Se ppm | Ag ppm | Na % | Sr ppm | S % | Te ppm | Tl ppm | Ti % | W ppm | U ppm | V ppm | Zn ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1! | | | | | | | | | | | | | | | | | | | | | 2 |
| 1! | | | | | | | | | | | | | | | | | | | | | 4 |
| 1! | | | | | | | | | | | | | | | | | | | | | 3 |
| 1! | | | | | | | | | | | | | | | | | | | | | 1 |
| 1! | | | | | | | | | | | | | | | | | | | | | 1 |
| 1! | | | | | | | | | | | | | | | | | | | | | 1 |
| 1! | | | | | | | | | | | | | | | | | | | | | 1 |
| 2! | | | | | | | | | | | | | | | | | | | | | 2 |
| 2! | | | | | | | | | | | | | | | | | | | | | 1 |
| 2! | | | | | | | | | | | | | | | | | | | | | 2 |
| 2! | | | | | | | | | | | | | | | | | | | | | 3 |
| 2! | | | | | | | | | | | | | | | | | | | | | 1 |
| 2! | | | | | | | | | | | | | | | | | | | | | 1 |
| 2473 | | 205 | 226 | 180 | 0.01 | 0.2 | 4 | 50 | 0.07 | < 1 | < 0.5 | 0.36 | < 0.01 | 35 | 0.15 | < 0.05 | 0.02 | < 0.01 | 271 | 0.15 | 1 | 16 |
| 2474 | | 205 | 226 | 30 | 2.00 | < 1.0 | 24 | 10 | < 0.01 | < 1 | Minrlzd | 34.0 | < 0.01 | 5 | >5.00 | Minrlzd | < 10.00 | < 0.01 | < 10.00 | 10.00 | < 1 | 4 |

CERTIFICATION:

# ALS Chemex

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To: NEWMONT EXPLORATION LIMITED

10101 DRY CREEK RD.
ENGLEWOOD, COLORADO
80112, USA

A0022644

Comments: ATTN: RICHARD GORTON CC: MIKE STAMMERS

## CERTIFICATE A0022644

(TNFA) - NEWMONT EXPLORATION LIMITED

Project: TAY-LP
P.O. # : 21341

Samples submitted to our lab in Vancouver, BC.
This report was printed on 20-JUL-2000.

## SAMPLE PREPARATION

| CHEMEX CODE | NUMBER SAMPLES | DESCRIPTION |
|---|---|---|
| 201 | 38 | Dry, sieve to -80 mesh |
| 202 | 38 | save reject |
| 214 | 1 | Rcvd as pulp; mesh size checked |

* NOTE 1:

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

## ANALYTICAL PROCEDURES 1 of 2

| CHEMEX CODE | NUMBER SAMPLES | DESCRIPTION | METHOD | DETECTION LIMIT | UPPER LIMIT |
|---|---|---|---|---|---|
| 983 | 38 | Au ppb: Fuse 30 g sample | FA-AAS | 5 | 10000 |
| 9201 | 39 | Al %: ICP + ICP-MS package | ICP | 0.01 | 15.00 |
| 9202 | 39 | Sb ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.1 | 10000 |
| 9203 | 39 | As ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.2 | 10000 |
| 9204 | 39 | Ba ppm: ICP + ICP-MS package | ICP | 10 | 10000 |
| 9205 | 39 | Be ppm: ICP + ICP-MS package | ICP | 0.05 | 100.0 |
| 9206 | 39 | Bi ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.01 | 10000 |
| 9235 | 39 | B ppm: ICP + ICP-MS package | ICP | 10 | 10000 |
| 9207 | 39 | Cd ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.02 | 500 |
| 9208 | 39 | Ca %: ICP + ICP-MS package | ICP | 0.01 | 15.00 |
| 9209 | 39 | Cr ppm: ICP + ICP-MS package | ICP | 1 | 10000 |
| 9210 | 39 | Co ppm: ICP + ICP-MS package | ICP | 0.2 | 10000 |
| 9211 | 39 | Cu ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.2 | 10000 |
| 9212 | 39 | Ga ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.1 | 10000 |
| 9213 | 39 | Ge ppm: ICP + ICP-MS package | ICP-MS | 0.1 | 500 |
| 9214 | 39 | Fe %: ICP + ICP-MS package | ICP | 0.01 | 15.00 |
| 9215 | 39 | La ppm: ICP + ICP-MS package | ICP | 10 | 10000 |
| 9216 | 39 | Pb ppm: ICP + ICP-MS package | ICP | 2 | 10000 |
| 9217 | 39 | Mg %: ICP + ICP-MS package | ICP | 0.01 | 15.00 |
| 9218 | 39 | Mn ppm: ICP + ICP-MS package | ICP | 5 | 10000 |
| 9219 | 39 | Hg ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.01 | 10000 |
| 9220 | 39 | Mo ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.2 | 10000 |
| 9221 | 39 | Ni ppm: ICP + ICP-MS package | ICP | 1 | 10000 |
| 9222 | 39 | P ppm: ICP + ICP-MS package | ICP | 10 | 10000 |
| 9223 | 39 | K %: ICP + ICP-MS package | ICP | 0.01 | 10.00 |
| 9224 | 39 | Sc ppm: ICP + ICP-MS package | ICP | 1 | 10000 |
| 9237 | 39 | Se ppm: ICP + ICP-MS package | ICP-MS | 0.5 | 1000 |
| 9225 | 39 | Ag ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.02 | 100.0 |
| 9226 | 39 | Na %: ICP + ICP-MS package | ICP | 0.01 | 10.00 |
| 9227 | 39 | Sr ppm: ICP + ICP-MS package | ICP | 1 | 10000 |
| 9236 | 39 | S %: ICP + ICP-MS package | ICP | 0.01 | 5.00 |
| 9228 | 39 | Te ppm: ICP + ICP-MS package | ICP-MS | 0.05 | 500 |
| 9229 | 39 | Tl ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.02 | 10000 |
| 9230 | 39 | Ti %: ICP + ICP-MS package | ICP | 0.01 | 10.00 |
| 9231 | 39 | W ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.05 | 10000 |
| 9232 | 39 | U ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.05 | 10000 |
| 9233 | 39 | V ppm: ICP + ICP-MS package | ICP | 1 | 10000 |


**The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him/her and based on an evaluation of all engineering data which is available concerning any proposed project**

**Statement required by Nevada State Law NRS 519**

# ALS Chemex

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


To: NEWMONT EXPLORATION LIMITED

10101 DRY CREEK RD.
ENGLEWOOD, COLORADO
80112, USA

A0022644

Comments: ATTN: RICHARD GORTON CC: MIKE STAMMERS

## CERTIFICATE A0022644

(TNFA) - NEWMONT EXPLORATION LIMITED

Project: TAY-LP
P.O. # : 21341

Samples submitted to our lab in Vancouver, BC.
This report was printed on 20-JUL-2000.

## SAMPLE PREPARATION

| CHEMEX CODE | NUMBER SAMPLES | DESCRIPTION |
|---|---|---|
| 201 | 38 | Dry, sieve to -80 mesh |
| 202 | 38 | save reject |
| 214 | 1 | Rcvd as pulp; mesh size checked |

* NOTE 1:

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

## ANALYTICAL PROCEDURES 2 of 2

| CHEMEX CODE | NUMBER SAMPLES | DESCRIPTION | METHOD | DETECTION LIMIT | UPPER LIMIT |
|---|---|---|---|---|---|
| 9234 | 39 | Zn ppm: ICP + ICP-MS package | ICP | 2 | 10000 |


The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him/her and based on an evaluation of all engineering data which is available concerning any proposed project.

Statement required by Nevada State Law NRS 519

# ALS Chemex

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PHONE: 775-356-5395 FAX: 775-355-0179


To: NEWMONT EXPLORATION LIMITED

10101 DRY CREEK RD.
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80112, USA

Project : TAY-LP
Comments: ATTN: RICHARD GORTON CC: MIKE STAMMERS

Page Number :1-A
Total Pages :1
Certificate Date: 20-JUL-2000
Invoice No. :I0022644
P.O. Number :21341
Account :TNFA

## CERTIFICATE OF ANALYSIS A0022644

| SAMPLE | PREP CODE | | Au ppb FA+AA | Al % | Sb ppm | As ppm | Ba ppm | Be ppm | Bi ppm | B ppm | Cd ppm | Ca % | Cr ppm | Co ppm | Cu ppm | Ga ppm | Ge ppm | Fe % | La ppm | Pb ppm | Mg % |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2951 | 201 | 202 | < 5 | 1.92 | 0.7 | 67.6 | 70 | 0.80 | 1.86 | < 10 | 0.44 | 0.23 | 28 | 18.2 | 23.2 | 6.1 | < 0.1 | 3.94 | 10 | 36 | 0.66 |
| 2952 | 201 | 202 | < 5 | 1.63 | 0.7 | 31.8 | 80 | 0.55 | 1.28 | < 10 | 0.10 | 0.13 | 27 | 9.0 | 21.6 | 4.7 | < 0.1 | 3.06 | 10 | 26 | 0.75 |
| 2953 | 201 | 202 | < 5 | 2.60 | 0.7 | 30.4 | 160 | 1.15 | 1.05 | < 10 | 0.12 | 0.45 | 43 | 12.6 | 31.8 | 7.4 | < 0.1 | 3.66 | 30 | 28 | 0.98 |
| 2954 | 201 | 202 | < 5 | 1.42 | 1.0 | 50.6 | 120 | 0.70 | 1.74 | < 10 | 0.54 | 0.92 | 20 | 9.2 | 27.0 | 4.0 | < 0.1 | 2.79 | 10 | 34 | 0.80 |
| 2955 | 201 | 202 | < 5 | 1.28 | 0.6 | 38.2 | 130 | 0.55 | 1.14 | < 10 | 0.18 | 0.12 | 18 | 5.8 | 16.4 | 4.5 | < 0.1 | 2.48 | 10 | 24 | 0.56 |
| 2956 | 201 | 202 | < 5 | 1.20 | 0.8 | 48.2 | 80 | 0.50 | 0.90 | < 10 | 0.18 | 0.17 | 19 | 5.8 | 15.8 | 3.9 | < 0.1 | 2.35 | 10 | 30 | 0.49 |
| 2957 | 201 | 202 | < 5 | 1.29 | 1.2 | 97.0 | 100 | 0.35 | 1.40 | < 10 | 0.56 | 0.06 | 17 | 7.0 | 20.8 | 5.0 | < 0.1 | 3.61 | 10 | 50 | 0.62 |
| 2958 | 201 | 202 | 15 | 1.46 | 1.1 | 149.0 | 160 | 0.45 | 2.02 | < 10 | 0.88 | 0.13 | 17 | 15.4 | 41.0 | 4.0 | < 0.1 | 3.97 | 10 | 52 | 0.84 |
| 2959 | 201 | 202 | < 5 | 1.49 | 0.5 | 42.6 | 70 | 0.75 | 1.14 | < 10 | 0.22 | 0.35 | 24 | 9.0 | 22.0 | 4.3 | < 0.1 | 2.97 | 10 | 26 | 0.74 |
| 2960 | 201 | 202 | < 5 | 1.83 | 1.2 | 46.4 | 140 | 0.95 | 1.26 | < 10 | 0.52 | 0.34 | 30 | 13.0 | 38.8 | 5.5 | < 0.1 | 3.78 | 30 | 40 | 0.98 |
| | | | | | | | | | | | | | | | | | | | | | 0.84 |
| | | | | | | | | | | | | | | | | | | | | | 1.68 |
| 3431 | 201 | 202 | < 5 | 2.09 | 0.3 | 50.8 | 80 | 0.35 | 2.59 | < 10 | 0.50 | 0.10 | 28 | 8.6 | 13.2 | 8.7 | < 0.1 | 3.32 | < 10 | 26 | 0.81 |
| 3432 | 201 | 202 | < 5 | 1.95 | 0.4 | 113.0 | 120 | 0.50 | 1.98 | < 10 | 0.82 | 0.11 | 28 | 9.2 | 13.4 | 8.6 | < 0.1 | 3.42 | < 10 | 34 | 1.02 |
| | | | | | | | | | | | | | | | | | | | | | 6 0 9 5 9 |
| | | | | | | | | | | | | | | | | | | | | | 9 1 4 1 2 |
| | | | | | | | | | | | | | | | | | | | | | 9 5 3 2 1 |
| 3449 | 214 | -- | not/ss | 1.64 | 586 | 680 | 100 | 2.25 | 1.46 | < 10 | 1.70 | 1.94 | 150 | 16.2 | 149.5 | 7.9 | 0.1 | 2.74 | < 10 | 438 | 0.08 |
| 3593 | 201 | 202 | 10 | 1.32 | 2.1 | 22.2 | 190 | 0.95 | 0.85 | < 10 | 0.40 | 0.78 | 15 | 7.0 | 19.2 | 4.2 | < 0.1 | 2.67 | 30 | 36 | 0.58 |
| 3594 | 201 | 202 | < 5 | 1.15 | 1.6 | 20.0 | 180 | 0.85 | 0.69 | < 10 | 0.32 | 0.65 | 11 | 4.0 | 20.4 | 3.7 | < 0.1 | 2.30 | 30 | 32 | 0.45 |
| 3595 | 201 | 202 | < 5 | 0.97 | 0.9 | 16.2 | 200 | 0.90 | 0.45 | < 10 | 0.58 | 0.84 | 8 | 3.4 | 20.0 | 2.7 | < 0.1 | 1.71 | 30 | 28 | 0.34 |
| 3596 | 201 | 202 | < 5 | 0.85 | 1.0 | 21.0 | 140 | 0.70 | 0.59 | < 10 | 0.32 | 0.37 | 10 | 2.8 | 13.4 | 2.9 | < 0.1 | 2.22 | 50 | 36 | 0.34 |
| 3597 | 201 | 202 | < 5 | 0.80 | 0.9 | 18.0 | 110 | 0.80 | 0.63 | < 10 | 0.54 | 0.27 | 10 | 3.2 | 11.6 | 2.6 | < 0.1 | 2.08 | 30 | 34 | 0.33 |
| 3598 | 201 | 202 | < 5 | 1.32 | 1.0 | 25.6 | 150 | 0.80 | 0.74 | < 10 | 0.90 | 0.79 | 17 | 7.2 | 19.0 | 4.0 | < 0.1 | 2.74 | 20 | 30 | 0.57 |
| 3599 | 201 | 202 | < 5 | 1.16 | 0.6 | 21.4 | 260 | 1.65 | 0.57 | < 10 | 0.12 | 0.41 | 11 | 3.0 | 13.2 | 4.0 | 0.1 | 2.76 | 70 | 36 | 0.45 |
| 3600 | 201 | 202 | < 5 | 0.99 | 0.8 | 22.0 | 140 | 1.30 | 0.58 | < 10 | 0.46 | 0.50 | 12 | 4.4 | 16.2 | 3.5 | < 0.1 | 2.61 | 60 | 36 | 0.42 |

CERTIFICATION:

# ALS Chemex

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PHONE: 775-356-5395 FAX: 775-355-0179


To: NEWMONT EXPLORATION LIMITED

10101 DRY CREEK RD.
ENGLEWOOD, COLORADO
80112, USA

Project : TAY-LP
Comments: ATTN: RICHARD GORTON CC: MIKE STAMMERS

Page Number :1-B
Total Pages :1
Certificate Date: 20-JUL-2000
Invoice No. :I0022644
P.O. Number :21341
Account :TNFA

## CERTIFICATE OF ANALYSIS A0022644

| SAMPLE | PREP CODE | | Mn ppm | Hg ppm | Mo ppm | Ni ppm | P ppm | K % | Sc ppm | Se ppm | Ag ppm | Na % | Sr ppm | S % | Te ppm | Tl ppm | Ti % | W ppm | U ppm | V ppm | Zn ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2951 | 201 | 202 | 1375 | 0.01 | 1.4 | 30 | 550 | 0.07 | 2 | < 0.5 | 0.16 | 0.02 | 42 | 0.01 | 0.05 | 0.10 | 0.04 | 0.65 | 0.95 | 30 | 82 |
| 2952 | 201 | 202 | 290 | 0.03 | 1.8 | 27 | 470 | 0.08 | 2 | < 0.5 | 0.06 | < 0.01 | 13 | < 0.01 | 0.05 | 0.12 | 0.04 | 1.00 | 1.05 | 28 | 78 |
| 2953 | 201 | 202 | 450 | 0.03 | 1.8 | 39 | 270 | 0.13 | 5 | < 0.5 | 0.10 | 0.06 | 90 | < 0.01 | < 0.05 | 0.18 | 0.05 | 0.35 | 1.40 | 37 | 88 |
| 2954 | 201 | 202 | 260 | 0.03 | 1.8 | 29 | 800 | 0.07 | 3 | 0.5 | 0.30 | 0.02 | 36 | 0.03 | 0.05 | 0.08 | 0.02 | 1.05 | 2.20 | 25 | 118 |
| 2955 | 201 | 202 | 150 | 0.01 | 2.0 | 21 | 470 | 0.04 | 1 | < 0.5 | 0.08 | < 0.01 | 11 | < 0.01 | < 0.05 | 0.06 | 0.01 | 0.85 | 0.90 | 29 | 70 |
| 2956 | 201 | 202 | 160 | 0.01 | 2.4 | 21 | 730 | 0.03 | 1 | < 0.5 | 0.08 | < 0.01 | 10 | < 0.01 | 0.05 | 0.06 | 0.03 | 0.30 | 0.90 | 30 | 100 |
| 2957 | 201 | 202 | 200 | 0.01 | 3.6 | 24 | 650 | 0.02 | 1 | 0.5 | 0.04 | < 0.01 | 7 | 0.01 | 0.05 | 0.04 | 0.01 | 0.35 | 0.90 | 42 | 122 |
| 2958 | 201 | 202 | 1590 | < 0.01 | 4.0 | 50 | 780 | 0.06 | 1 | 0.5 | 0.08 | < 0.01 | 9 | 0.01 | 0.05 | 0.10 | 0.01 | 0.35 | 1.35 | 30 | 270 |
| 2959 | 201 | 202 | 240 | 0.02 | 1.6 | 27 | 790 | 0.06 | 2 | < 0.5 | 0.16 | < 0.01 | 19 | 0.01 | < 0.05 | 0.08 | 0.02 | 1.45 | 1.40 | 25 | 112 |
| 2960 | 201 | 202 | 570 | 0.02 | 2.8 | 44 | 830 | 0.12 | 3 | < 0.5 | 0.26 | < 0.01 | 25 | < 0.01 | 0.05 | 0.16 | 0.04 | 0.50 | 1.30 | 32 | 142 |
| 3431 | 201 | 202 | 800 | 0.04 | 1.2 | 15 | 400 | 0.07 | 1 | < 0.5 | 0.10 | < 0.01 | 13 | 0.01 | 0.05 | 0.10 | 0.07 | 1.20 | 0.90 | 42 | 94 |
| 3432 | 201 | 202 | 1400 | 0.02 | 1.4 | 20 | 390 | 0.13 | 1 | < 0.5 | 0.08 | 0.01 | 15 | 0.01 | 0.05 | 0.14 | 0.07 | 0.45 | 0.65 | 43 | 126 |
| 3449 | 214 | -- | 25 | 0.64 | 18.0 | 102 | 8460 | 0.35 | 4 | 5.0 | 0.66 | < 0.01 | 408 | 0.39 | 0.20 | 7.64 | < 0.01 | 51.7 | 12.90 | 641 | 210 |
| 3593 | 201 | 202 | 780 | 0.07 | 2.4 | 20 | 830 | 0.11 | 1 | 1.5 | 0.28 | 0.01 | 42 | 0.03 | 0.05 | 0.12 | 0.01 | 0.45 | 1.80 | 23 | 134 |
| 3594 | 201 | 202 | 480 | 0.09 | 3.0 | 19 | 740 | 0.10 | 1 | < 0.5 | 0.24 | < 0.01 | 31 | 0.03 | 0.05 | 0.10 | 0.01 | 0.25 | 1.70 | 20 | 130 |
| 3595 | 201 | 202 | 375 | 0.04 | 2.0 | 16 | 660 | 0.06 | < 1 | 0.5 | 0.24 | 0.01 | 37 | 0.04 | 0.05 | 0.06 | 0.01 | 0.15 | 2.80 | 15 | 104 |
| 3596 | 201 | 202 | 405 | 0.06 | 4.2 | 14 | 640 | 0.08 | < 1 | 0.5 | 0.24 | < 0.01 | 19 | 0.03 | 0.05 | 0.08 | < 0.01 | 0.20 | 1.65 | 15 | 100 |
| 3597 | 201 | 202 | 325 | 0.04 | 4.4 | 16 | 620 | 0.08 | < 1 | < 0.5 | 0.22 | < 0.01 | 15 | 0.01 | 0.05 | 0.08 | < 0.01 | 0.20 | 1.40 | 15 | 146 |
| 3598 | 201 | 202 | 595 | 0.07 | 2.4 | 22 | 780 | 0.11 | 1 | 1.5 | 0.32 | < 0.01 | 40 | 0.03 | 0.05 | 0.10 | 0.01 | 0.25 | 1.70 | 24 | 190 |
| 3599 | 201 | 202 | 670 | 0.05 | 5.2 | 14 | 510 | 0.09 | 1 | < 0.5 | 0.14 | < 0.01 | 27 | 0.01 | 0.05 | 0.06 | < 0.01 | 0.25 | 2.75 | 18 | 96 |
| 3600 | 201 | 202 | 440 | 0.04 | 4.4 | 16 | 600 | 0.07 | 1 | 0.5 | 0.26 | < 0.01 | 27 | 0.02 | 0.05 | 0.08 | 0.01 | 0.25 | 2.40 | 18 | 134 |

CERTIFICATION:

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


To: NEWMONT EXPLORATION LIMITED

10101 DRY CREEK RD.
ENGLEWOOD, COLORADO
80112, USA

A0022648

Comments: ATTN: RICHARD GORTON CC: MIKE STAMMERS

## CERTIFICATE A0022648

(TNFA) - NEWMONT EXPLORATION LIMITED

Project: TAY-LP
P.O. # : 21341

Samples submitted to our lab in Vancouver, BC.
This report was printed on 18-JUL-2000.

## SAMPLE PREPARATION

| CHEMEX CODE | NUMBER SAMPLES | DESCRIPTION |
|---|---|---|
| 205 | 14 | Geochem ring to approx 150 mesh |
| 226 | 14 | 0-3 Kg crush and split |
| 3202 | 14 | Rock - save entire reject |

* NOTE 1:

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

## ANALYTICAL PROCEDURES 1 of 2

| CHEMEX CODE | NUMBER SAMPLES | DESCRIPTION | METHOD | DETECTION LIMIT | UPPER LIMIT |
|---|---|---|---|---|---|
| 983 | 14 | Au ppb: Fuse 30 g sample | FA-AAS | 5 | 10000 |
| 9201 | 14 | Al %: ICP + ICP-MS package | ICP | 0.01 | 15.00 |
| 9202 | 14 | Sb ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.1 | 10000 |
| 9203 | 14 | As ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.2 | 10000 |
| 9204 | 14 | Ba ppm: ICP + ICP-MS package | ICP | 10 | 10000 |
| 9205 | 14 | Be ppm: ICP + ICP-MS package | ICP | 0.05 | 100.0 |
| 9206 | 14 | Bi ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.01 | 10000 |
| 9235 | 14 | B ppm: ICP + ICP-MS package | ICP | 10 | 10000 |
| 9207 | 14 | Cd ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.02 | 500 |
| 9208 | 14 | Ca %: ICP + ICP-MS package | ICP | 0.01 | 15.00 |
| 9209 | 14 | Cr ppm: ICP + ICP-MS package | ICP | 1 | 10000 |
| 9210 | 14 | Co ppm: ICP + ICP-MS package | ICP | 0.2 | 10000 |
| 9211 | 14 | Cu ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.2 | 10000 |
| 9212 | 14 | Ga ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.1 | 10000 |
| 9213 | 14 | Ge ppm: ICP + ICP-MS package | ICP-MS | 0.1 | 500 |
| 9214 | 14 | Fe %: ICP + ICP-MS package | ICP | 0.01 | 15.00 |
| 9215 | 14 | La ppm: ICP + ICP-MS package | ICP | 10 | 10000 |
| 9216 | 14 | Pb ppm: ICP + ICP-MS package | ICP | 2 | 10000 |
| 9217 | 14 | Mg %: ICP + ICP-MS package | ICP | 0.01 | 15.00 |
| 9218 | 14 | Mn ppm: ICP + ICP-MS package | ICP | 5 | 10000 |
| 9219 | 14 | Hg ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.01 | 10000 |
| 9220 | 14 | Mo ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.2 | 10000 |
| 9221 | 14 | Ni ppm: ICP + ICP-MS package | ICP | 1 | 10000 |
| 9222 | 14 | P ppm: ICP + ICP-MS package | ICP | 10 | 10000 |
| 9223 | 14 | K %: ICP + ICP-MS package | ICP | 0.01 | 10.00 |
| 9224 | 14 | Sc ppm: ICP + ICP-MS package | ICP | 1 | 10000 |
| 9237 | 14 | Se ppm: ICP + ICP-MS package | ICP-MS | 0.5 | 1000 |
| 9225 | 14 | Ag ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.02 | 100.0 |
| 9226 | 14 | Na %: ICP + ICP-MS package | ICP | 0.01 | 10.00 |
| 9227 | 14 | Sr ppm: ICP + ICP-MS package | ICP | 1 | 10000 |
| 9236 | 14 | S %: ICP + ICP-MS package | ICP | 0.01 | 5.00 |
| 9228 | 14 | Te ppm: ICP + ICP-MS package | ICP-MS | 0.05 | 500 |
| 9229 | 14 | Tl ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.02 | 10000 |
| 9230 | 14 | Ti %: ICP + ICP-MS package | ICP | 0.01 | 10.00 |
| 9231 | 14 | W ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.05 | 10000 |
| 9232 | 14 | U ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.05 | 10000 |
| 9233 | 14 | V ppm: ICP + ICP-MS package | ICP | 1 | 10000 |


**The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him/her and based on an evaluation of all engineering data which is available concerning any proposed project**

**Statement required by Nevada State Law NRS 519**

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To: NEWMONT EXPLORATION LIMITED

10101 DRY CREEK RD.
ENGLEWOOD, COLORADO
80112, USA

A0022648

Comments: ATTN: RICHARD GORTON CC: MIKE STAMMERS

## CERTIFICATE A0022648

(TNFA) - NEWMONT EXPLORATION LIMITED

Project: TAY-LP
P.O. # : 21341

Samples submitted to our lab in Vancouver, BC.
This report was printed on 18-JUL-2000.

## SAMPLE PREPARATION

| CHEMEX CODE | NUMBER SAMPLES | DESCRIPTION |
|---|---|---|
| 205 | 14 | Geochem ring to approx 150 mesh |
| 226 | 14 | 0-3 Kg crush and split |
| 3202 | 14 | Rock - save entire reject |

* NOTE 1:

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

## ANALYTICAL PROCEDURES 2 of 2

| CHEMEX CODE | NUMBER SAMPLES | DESCRIPTION | METHOD | DETECTION LIMIT | UPPER LIMIT |
|---|---|---|---|---|---|
| 9234 | 14 | Zn ppm: ICP + ICP-MS package | ICP | 2 | 10000 |

**The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him/her and based on an evaluation of all engineering data which is available concerning any proposed project.**

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Project : TAY-LP
Comments: ATTN: RICHARD GORTON CC: MIKE STAMMERS

Page Number :1-A
Total Pages :1
Certificate Date: 18-JUL-2000
Invoice No. :I0022648
P.O. Number :21341
Account :TNFA

## CERTIFICATE OF ANALYSIS A0022648

| SAMPLE | PREP CODE | | Au ppb FA+AA | Al % | Sb ppm | As ppm | Ba ppm | Be ppm | Bi ppm | B ppm | Cd ppm | Ca % | Cr ppm | Co ppm | Cu ppm | Ga ppm | Ge ppm | Fe % | La ppm | Pb ppm | Mg % |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1518 | 205 | 226 | 10 | 0.28 | < 0.1 | 366 | 50 | 0.20 | 4.62 | < 10 | 0.08 | 0.07 | 156 | 1.0 | 3.2 | 0.8 | < 0.1 | 0.68 | < 10 | 24 | 0.01 |
| 1519 | 205 | 226 | < 5 | 3.65 | < 0.1 | 6.0 | 90 | 0.75 | 0.35 | < 10 | 0.02 | 3.27 | 112 | 13.2 | 23.2 | 8.8 | < 0.1 | 3.10 | 10 | 8 | 0.95 |
| 1520 | 205 | 226 | < 5 | 3.79 | < 0.1 | 4.2 | 80 | 0.95 | 0.42 | < 10 | 0.02 | 2.69 | 115 | 12.6 | 26.0 | 10.2 | 0.1 | 2.83 | 10 | 4 | 1.00 |
| 2475 | 205 | 226 | 5 | 0.24 | < 0.1 | 4.4 | 20 | 0.20 | 21.4 | < 10 | 6.72 | 0.08 | 159 | 2.0 | 12.4 | 0.7 | < 0.1 | 1.25 | < 10 | 30 | 0.01 |
| 2476 | 205 | 226 | < 5 | 0.46 | < 0.1 | 2.0 | < 10 | 0.05 | 0.23 | < 10 | < 0.02 | 0.06 | 234 | 3.2 | 6.8 | 1.6 | < 0.1 | 1.19 | < 10 | < 2 | 0.26 |
| 2477 | 205 | 226 | < 5 | 0.27 | 0.1 | 2110 | 20 | 0.35 | 115.5 | < 10 | 0.44 | 0.11 | 227 | 1.2 | 2.2 | 0.7 | < 0.1 | 0.79 | < 10 | 536 | < 0.01 |
| 2478 | 205 | 226 | < 5 | 0.45 | < 0.1 | 35.2 | 40 | 0.45 | 6.10 | < 10 | < 0.02 | 0.06 | 142 | 0.6 | 2.4 | 1.3 | < 0.1 | 0.55 | 10 | 18 | 0.01 |
| 2479 | 205 | 226 | < 5 | 0.06 | < 0.1 | 8.2 | < 10 | 0.05 | 0.49 | < 10 | < 0.02 | < 0.01 | 222 | 0.6 | 1.4 | 0.1 | < 0.1 | 0.30 | < 10 | 6 | < 0.01 |
| 2480 | 205 | 226 | 5 | 0.27 | < 0.1 | 2450 | 40 | 0.40 | 3.71 | < 10 | < 0.02 | 0.03 | 171 | 1.0 | 2.4 | 0.7 | < 0.1 | 0.64 | < 10 | 14 | < 0.01 |
| 2481 | 205 | 226 | 25 | 0.03 | 0.1 | 43.0 | < 10 | < 0.05 | 13.00 | < 10 | 0.08 | < 0.01 | 196 | 3.6 | 58.0 | 0.2 | < 0.1 | 2.80 | < 10 | 20 | < 0.01 |
| 2482 | 205 | 226 | < 5 | 1.48 | < 0.1 | 6.0 | 70 | 0.50 | 1.43 | < 10 | 0.02 | 0.10 | 139 | 11.4 | 110.0 | 7.5 | 0.1 | 6.98 | 10 | 8 | 0.74 |

CERTIFICATION: _____

# ALS Chemex

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

To: NEWMONT EXPLORATION LIMITED

10101 DRY CREEK RD.
ENGLEWOOD, COLORADO
80112, USA

Project : TAY-LP
Comments: ATTN: RICHARD GORTON CC: MIKE STAMMERS

Page Number :1-B
Total Pages :1
Certificate Date: 18-JUL-2000
Invoice No. :I0022648
P.O. Number :21341
Account :TNFA

## CERTIFICATE OF ANALYSIS A0022648

| SAMPLE | PREP CODE | | Mn ppm | Hg ppm | Mo ppm | Ni ppm | P ppm | K % | Sc ppm | Se ppm | Ag ppm | Na % | Sr ppm | S % | Te ppm | Tl ppm | Ti % | W ppm | U ppm | V ppm | Zn ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | | | 2 0 '6 |
| 1518 | 205 | 226 | 70 | < 0.01 | 0.8 | 5 | 290 | 0.21 | < 1 | < 0.5 | 0.76 | 0.03 | 7 | 0.05 | < 0.05 | 0.06 | < 0.01 | 0.75 | 1.55 | 1 | 10 |
| 1519 | 205 | 226 | 250 | < 0.01 | 0.4 | 31 | 270 | 1.19 | 4 | < 0.5 | 0.04 | 0.15 | 287 | 0.28 | < 0.05 | 0.50 | 0.11 | 0.60 | 1.85 | 29 | 50 |
| 1520 | 205 | 226 | 260 | < 0.01 | 0.8 | 38 | 250 | 1.08 | 6 | < 0.5 | 0.04 | 0.18 | 178 | 0.34 | < 0.05 | 0.60 | 0.18 | 1.65 | 1.95 | 43 | 30 |
| 2475 | 205 | 226 | 65 | < 0.01 | 0.6 | 4 | 290 | 0.18 | < 1 | < 0.5 | 1.22 | 0.03 | 6 | 0.63 | < 0.05 | 0.04 | < 0.01 | 0.45 | 2.65 | < 1 | 176 |
| 2476 | 205 | 226 | 80 | < 0.01 | 1.2 | 10 | 240 | 0.02 | < 1 | < 0.5 | < 0.02 | 0.01 | 4 | < 0.01 | < 0.05 | < 0.02 | < 0.01 | 0.80 | 0.15 | 4 | 12 |
| 2477 | 205 | 226 | 115 | < 0.01 | 1.0 | 5 | 220 | 0.20 | < 1 | 0.5 | 22.5 | 0.01 | 10 | 0.14 | 0.90 | 0.08 | < 0.01 | 0.55 | 2.25 | < 1 | 24 |
| 2478 | 205 | 226 | 20 | < 0.01 | 1.2 | 4 | 410 | 0.31 | < 1 | < 0.5 | 0.38 | 0.04 | 7 | 0.01 | < 0.05 | 0.10 | < 0.01 | 0.75 | 1.65 | < 1 | 2 |
| 2479 | 205 | 226 | 15 | < 0.01 | 0.6 | 4 | 10 | 0.04 | < 1 | < 0.5 | 0.06 | < 0.01 | 1 | < 0.01 | < 0.05 | < 0.02 | < 0.01 | 0.40 | 0.05 | < 1 | < 2 |
| 2480 | 205 | 226 | 15 | < 0.01 | 1.0 | 4 | 230 | 0.22 | < 1 | < 0.5 | 0.22 | 0.01 | 4 | 0.14 | 0.25 | 0.06 | < 0.01 | 0.85 | 1.60 | < 1 | < 2 |
| 2481 | 205 | 226 | 25 | < 0.01 | 2.4 | 9 | 90 | < 0.01 | < 1 | < 0.5 | 0.06 | < 0.01 | 1 | < 0.01 | 0.10 | < 0.02 | < 0.01 | 6.25 | 0.30 | 1 | 58 |
| 2482 | 205 | 226 | 240 | 0.01 | 3.2 | 11 | 180 | 0.19 | 2 | < 0.5 | 0.26 | 0.04 | 16 | 0.20 | 0.05 | 0.08 | 0.03 | 11.60 | 2.10 | 43 | 28 |

CERTIFICATION: _____

# ALS Chemex

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PHONE: 775-356-5395 FAX: 775-355-0179


To: NEWMONT EXPLORATION LIMITED

10101 DRY CREEK RD.
ENGLEWOOD, COLORADO
80112, USA

A0022649

Comments: ATTN: RICHARD GORTON CC: MIKE STAMMERS

## CERTIFICATE A0022649

(TNFA) - NEWMONT EXPLORATION LIMITED

Project: TAY-LP
P.O. # : 21341

Samples submitted to our lab in Vancouver, BC.
This report was printed on 18-JUL-2000.

## SAMPLE PREPARATION

| CHEMEX CODE | NUMBER SAMPLES | DESCRIPTION |
|---|---|---|
| 201 | 113 | Dry, sieve to -80 mesh |
| 202 | 113 | save reject |
| 214 | 2 | Rcvd as pulp; mesh size checked |

* NOTE 1:

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

## ANALYTICAL PROCEDURES 1 of 2

| CHEMEX CODE | NUMBER SAMPLES | DESCRIPTION | METHOD | DETECTION LIMIT | UPPER LIMIT |
|---|---|---|---|---|---|
| 983 | 115 | Au ppb: Fuse 30 g sample | FA-AAS | 5 | 10000 |
| 9201 | 115 | Al %: ICP + ICP-MS package | ICP | 0.01 | 15.00 |
| 9202 | 115 | Sb ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.1 | 10000 |
| 9203 | 115 | As ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.2 | 10000 |
| 9204 | 115 | Ba ppm: ICP + ICP-MS package | ICP | 10 | 10000 |
| 9205 | 115 | Be ppm: ICP + ICP-MS package | ICP | 0.05 | 100.0 |
| 9206 | 115 | Bi ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.01 | 10000 |
| 9235 | 115 | B ppm: ICP + ICP-MS package | ICP | 10 | 10000 |
| 9207 | 115 | Cd ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.02 | 500 |
| 9208 | 115 | Ca %: ICP + ICP-MS package | ICP | 0.01 | 15.00 |
| 9209 | 115 | Cr ppm: ICP + ICP-MS package | ICP | 1 | 10000 |
| 9210 | 115 | Co ppm: ICP + ICP-MS package | ICP | 0.2 | 10000 |
| 9211 | 115 | Cu ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.2 | 10000 |
| 9212 | 115 | Ga ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.1 | 10000 |
| 9213 | 115 | Ge ppm: ICP + ICP-MS package | ICP-MS | 0.1 | 500 |
| 9214 | 115 | Fe %: ICP + ICP-MS package | ICP | 0.01 | 15.00 |
| 9215 | 115 | La ppm: ICP + ICP-MS package | ICP | 10 | 10000 |
| 9216 | 115 | Pb ppm: ICP + ICP-MS package | ICP | 2 | 10000 |
| 9217 | 115 | Mg %: ICP + ICP-MS package | ICP | 0.01 | 15.00 |
| 9218 | 115 | Mn ppm: ICP + ICP-MS package | ICP | 5 | 10000 |
| 9219 | 115 | Hg ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.01 | 10000 |
| 9220 | 115 | Mo ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.2 | 10000 |
| 9221 | 115 | Ni ppm: ICP + ICP-MS package | ICP | 1 | 10000 |
| 9222 | 115 | P ppm: ICP + ICP-MS package | ICP | 10 | 10000 |
| 9223 | 115 | K %: ICP + ICP-MS package | ICP | 0.01 | 10.00 |
| 9224 | 115 | Sc ppm: ICP + ICP-MS package | ICP | 1 | 10000 |
| 9237 | 115 | Se ppm: ICP + ICP-MS package | ICP-MS | 0.5 | 1000 |
| 9225 | 115 | Ag ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.02 | 100.0 |
| 9226 | 115 | Na %: ICP + ICP-MS package | ICP | 0.01 | 10.00 |
| 9227 | 115 | Sr ppm: ICP + ICP-MS package | ICP | 1 | 10000 |
| 9236 | 115 | S %: ICP + ICP-MS package | ICP | 0.01 | 5.00 |
| 9228 | 115 | Te ppm: ICP + ICP-MS package | ICP-MS | 0.05 | 500 |
| 9229 | 115 | Tl ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.02 | 10000 |
| 9230 | 115 | Ti %: ICP + ICP-MS package | ICP | 0.01 | 10.00 |
| 9231 | 115 | W ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.05 | 10000 |
| 9232 | 115 | U ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.05 | 10000 |
| 9233 | 115 | V ppm: ICP + ICP-MS package | ICP | 1 | 10000 |


**The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him/her and based on an evaluation of all engineering data which is available concerning any proposed project**

**Statement required by Nevada State Law NRS 519**

# ALS Chemex

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PHONE: 775-356-5395 FAX: 775-355-0179


To: NEWMONT EXPLORATION LIMITED

10101 DRY CREEK RD.
ENGLEWOOD, COLORADO
80112, USA

A0022649

Comments: ATTN: RICHARD GORTON CC: MIKE STAMMERS

## CERTIFICATE A0022649

(TNFA) - NEWMONT EXPLORATION LIMITED

Project: TAY-LP
P.O. # : 21341

Samples submitted to our lab in Vancouver, BC.
This report was printed on 18-JUL-2000.

## SAMPLE PREPARATION

| CHEMEX CODE | NUMBER SAMPLES | DESCRIPTION |
|---|---|---|
| 201 | 113 | Dry, sieve to -80 mesh |
| 202 | 113 | save reject |
| 214 | 2 | Rcvd as pulp; mesh size checked |

* NOTE 1:

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

## ANALYTICAL PROCEDURES 2 of 2

| CHEMEX CODE | NUMBER SAMPLES | DESCRIPTION | METHOD | DETECTION LIMIT | UPPER LIMIT |
|---|---|---|---|---|---|
| 9234 | 115 | Zn ppm: ICP + ICP-MS package | ICP | 2 | 10000 |


The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him/her and based on an evaluation of all engineering data which is available concerning any proposed project. Statement required by Nevada State Law NRS 519

# ALS Chemex

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To: NEWMONT EXPLORATION LIMITED

10101 DRY CREEK RD.
ENGLEWOOD, COLORADO
80112, USA

Project : TAY-LP
Comments: ATTN: RICHARD GORTON CC: MIKE STAMMERS

Page Number :1-A
Total Pages :3
Certificate Date: 17-JUL-2000
Invoice No. :I0022649
P.O. Number :21341
Account :TNFA

## CERTIFICATE OF ANALYSIS A0022649

| SAMPLE | PREP CODE | | Au ppb FA+AA | Al % | Sb ppm | As ppm | Ba ppm | Be ppm | Bi ppm | B ppm | Cd ppm | Ca % | Cr ppm | Co ppm | Cu ppm | Ga ppm | Ge ppm | Fe % | La ppm | Pb ppm | Mg % |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3275 | 201 | 202 | < 5 | 1.62 | 0.6 | 42.4 | 110 | 0.55 | 1.33 | < 10 | 0.14 | 0.26 | 23 | 7.0 | 20.6 | 4.5 | < 0.1 | 2.78 | 20 | 20 | 0.77 |
| 3276 | 201 | 202 | < 5 | 2.05 | 0.4 | 58.6 | 170 | 0.55 | 1.87 | < 10 | 0.14 | 0.17 | 24 | 9.6 | 22.8 | 5.3 | < 0.1 | 3.07 | 10 | 28 | 0.72 |
| 3277 | 201 | 202 | < 5 | 1.20 | 0.3 | 41.4 | 70 | 0.30 | 0.87 | < 10 | 0.10 | 0.25 | 12 | 5.0 | 9.6 | 3.4 | < 0.1 | 1.59 | < 10 | 16 | 0.38 |
| 3278 | 201 | 202 | < 5 | 2.54 | 0.8 | 82.2 | 250 | 0.95 | 2.12 | < 10 | 0.24 | 0.21 | 35 | 15.4 | 37.8 | 6.6 | < 0.1 | 4.42 | 30 | 46 | 1.02 |
| 3279 | 201 | 202 | < 5 | 1.84 | 0.7 | 37.8 | 110 | 0.50 | 1.02 | < 10 | 0.26 | 0.24 | 32 | 9.2 | 24.2 | 5.4 | < 0.1 | 3.35 | 30 | 28 | 0.92 |
| 3280 | 201 | 202 | < 5 | 1.98 | 0.7 | 58.2 | 150 | 0.50 | 1.48 | < 10 | 0.26 | 0.20 | 30 | 8.0 | 25.6 | 5.6 | < 0.1 | 3.42 | 20 | 26 | 0.88 |
| 3281 | 201 | 202 | 10 | 1.48 | 1.0 | 139.0 | 70 | 0.45 | 2.41 | < 10 | 0.40 | 0.93 | 21 | 12.6 | 32.2 | 4.2 | < 0.1 | 3.51 | 10 | 44 | 1.02 |
| 3282 | 201 | 202 | < 5 | 1.84 | 0.7 | 177.5 | 140 | 0.35 | 4.61 | < 10 | 1.24 | 0.06 | 30 | 11.6 | 13.4 | 8.5 | < 0.1 | 4.73 | 10 | 48 | 0.78 |
| 3290 | 201 | 202 | 45 | 1.95 | 1.2 | 132.5 | 120 | 0.60 | 2.73 | < 10 | 0.20 | 0.25 | 27 | 12.8 | 39.2 | 5.3 | < 0.1 | 3.91 | 20 | 44 | 0.96 |
| 3291 | 201 | 202 | < 5 | 1.39 | 0.9 | 278 | 100 | 0.30 | 2.38 | < 10 | 0.92 | 0.08 | 18 | 13.2 | 17.0 | 4.4 | < 0.1 | 3.99 | 10 | 72 | 0.53 |
| 3292 | 201 | 202 | 10 | 1.97 | 0.7 | 123.0 | 130 | 0.50 | 2.38 | < 10 | 0.24 | 0.22 | 24 | 11.4 | 22.4 | 5.2 | < 0.1 | 3.63 | 10 | 44 | 0.77 |
| 3293 | 201 | 202 | 10 | 1.82 | 0.7 | 61.6 | 110 | 0.50 | 1.50 | < 10 | 0.24 | 0.20 | 27 | 8.4 | 27.8 | 5.0 | < 0.1 | 3.43 | 30 | 28 | 0.91 |
| 3294 | 201 | 202 | < 5 | 1.29 | 0.9 | 214 | 80 | 0.15 | 2.82 | < 10 | 0.30 | 0.06 | 18 | 7.2 | 12.2 | 6.4 | < 0.1 | 4.07 | 10 | 36 | 0.39 |
| 3295 | 201 | 202 | 15 | 1.75 | 0.9 | 107.5 | 110 | 0.60 | 2.06 | < 10 | 0.42 | 0.32 | 26 | 11.4 | 28.4 | 4.7 | < 0.1 | 3.62 | 20 | 40 | 0.84 |
| 3296 | 201 | 202 | < 5 | 1.78 | 1.5 | 198.0 | 120 | 0.65 | 2.72 | < 10 | 0.70 | 2.41 | 25 | 14.6 | 40.4 | 4.9 | < 0.1 | 3.77 | 20 | 62 | 1.18 |

CERTIFICATION:

# ALS Chemex

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To: NEWMONT EXPLORATION LIMITED

10101 DRY CREEK RD.
ENGLEWOOD, COLORADO
80112, USA

Project : TAY-LP
Comments: ATTN: RICHARD GORTON CC: MIKE STAMMERS


Certificate Date: 17-JUL-2000
Invoice No. : I0022649
P.O. Number :21341
Account :TNFA

## CERTIFICATE OF ANALYSIS A0022649

| SAMPLE | PREP CODE | Mn ppm | Hg ppm | Mo ppm | Ni ppm | P ppm | K % | Sc ppm | Se ppm | Ag ppm | Na % | Sr ppm | S % | Te ppm | Tl ppm | Ti % | W ppm | U ppm | V ppm | Zn ppm |
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| 3275 | 201 202 | 235 | 0.03 | 1.4 | 25 | 670 | 0.07 | 2 | < 0.5 | 0.18 | < 0.01 | 18 | < 0.01 | < 0.05 | 0.08 | 0.03 | 0.50 | 0.90 | 26 | 86 |
| 3276 | 201 202 | 405 | 0.02 | 1.8 | 23 | 340 | 0.06 | 2 | < 0.5 | 0.20 | < 0.01 | 17 | < 0.01 | < 0.05 | 0.10 | 0.01 | 0.65 | 0.85 | 32 | 64 |
| 3277 | 201 202 | 160 | 0.04 | 0.6 | 14 | 270 | 0.04 | < 1 | < 0.5 | 0.16 | 0.03 | 19 | 0.01 | < 0.05 | 0.08 | 0.03 | 0.15 | 0.45 | 21 | 36 |
| 3278 | 201 202 | 570 | 0.03 | 2.2 | 46 | 300 | 0.09 | 4 | < 0.5 | 0.24 | 0.01 | 22 | < 0.01 | < 0.05 | 0.12 | 0.02 | 0.65 | 1.30 | 40 | 142 |
| 3279 | 201 202 | 345 | 0.03 | 1.6 | 32 | 680 | 0.11 | 3 | < 0.5 | 0.14 | < 0.01 | 20 | < 0.01 | < 0.05 | 0.10 | 0.04 | 0.40 | 1.20 | 32 | 112 |
| 3280 | 201 202 | 300 | 0.03 | 2.0 | 30 | 570 | 0.11 | 2 | < 0.5 | 0.18 | < 0.01 | 18 | < 0.01 | < 0.05 | 0.08 | 0.03 | 0.50 | 0.95 | 33 | 118 |
| 3281 | 201 202 | 370 | 0.03 | 1.8 | 34 | 1040 | 0.11 | 3 | < 0.5 | 0.34 | 0.01 | 32 | < 0.01 | < 0.05 | 0.14 | 0.03 | 0.85 | 0.90 | 23 | 102 |
| 3282 | 201 202 | 790 | 0.04 | 2.2 | 23 | 540 | 0.10 | 2 | < 0.5 | 0.30 | < 0.01 | 10 | 0.01 | 0.05 | 0.12 | 0.07 | 0.95 | 0.80 | 49 | 150 |
| 3290 | 201 202 | 390 | 0.04 | 2.2 | 38 | 860 | 0.09 | 3 | < 0.5 | 0.26 | 0.01 | 22 | < 0.01 | 0.05 | 0.14 | 0.03 | 1.05 | 1.10 | 32 | 114 |
| 3291 | 201 202 | 905 | 0.02 | 2.2 | 24 | 600 | 0.04 | 1 | < 0.5 | 0.16 | < 0.01 | 9 | < 0.01 | < 0.05 | 0.10 | 0.01 | 3.35 | 0.70 | 30 | 182 |
| 3292 | 201 202 | 285 | 0.04 | 1.8 | 27 | 460 | 0.05 | 2 | < 0.5 | 0.30 | < 0.01 | 18 | < 0.01 | < 0.05 | 0.10 | 0.01 | 1.40 | 0.70 | 30 | 94 |
| 3293 | 201 202 | 315 | 0.03 | 1.6 | 30 | 630 | 0.06 | 3 | < 0.5 | 0.12 | < 0.01 | 17 | < 0.01 | < 0.05 | 0.08 | 0.03 | 0.55 | 0.95 | 29 | 108 |
| 3294 | 201 202 | 240 | 0.01 | 2.2 | 19 | 330 | 0.04 | 1 | < 0.5 | 0.14 | < 0.01 | 9 | 0.01 | < 0.05 | 0.08 | 0.04 | 1.40 | 0.55 | 42 | 70 |
| 3295 | 201 202 | 360 | 0.03 | 1.8 | 35 | 940 | 0.07 | 3 | < 0.5 | 0.30 | < 0.01 | 22 | < 0.01 | < 0.05 | 0.10 | 0.03 | 0.75 | 1.10 | 28 | 120 |
| 3296 | 201 202 | 530 | 0.04 | 2.8 | 41 | 950 | 0.15 | 4 | 0.5 | 0.58 | 0.02 | 68 | < 0.01 | 0.05 | 0.14 | 0.03 | 1.10 | 1.20 | 32 | 144 |

CERTIFICATION:

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Comments: ATTN: RICHARD GORTON CC: MIKE STAMMERS


Certificate Date: 17-JUL-2000
Invoice No. : I0022649
P.O. Number :21341
Account :TNFA

## CERTIFICATE OF ANALYSIS A0022649

| SAMPLE | PREP CODE | | Au ppb FA+AA | Al % | Sb ppm | As ppm | Ba ppm | Be ppm | Bi ppm | B ppm | Cd ppm | Ca % | Cr ppm | Co ppm | Cu ppm | Ga ppm | Ge ppm | Fe % | La ppm | Pb ppm | Mg % |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3297 | 201 | 202 | 5 | 1.86 | 0.9 | 616 | 140 | 0.60 | 3.17 | < 10 | 0.30 | 0.50 | 25 | 12.8 | 23.2 | 4.7 | < 0.1 | 3.89 | 10 | 76 | 0.94 |
| 3298 | 201 | 202 | < 5 | 2.22 | 0.9 | 141.5 | 140 | 0.75 | 2.87 | < 10 | 0.40 | 0.15 | 31 | 14.2 | 23.8 | 5.8 | < 0.1 | 4.12 | 10 | 48 | 0.95 |
| 3299 | 201 | 202 | < 5 | 1.52 | 1.2 | 231 | 100 | 0.45 | 3.01 | < 10 | 0.42 | 0.91 | 18 | 11.6 | 26.0 | 4.0 | < 0.1 | 3.46 | 10 | 70 | 0.77 |
| 3300 | 214 | -- | 95 | 1.40 | 27.1 | 710 | 730 | 0.55 | 0.63 | < 10 | 1.04 | 1.12 | 51 | 7.2 | 85.6 | 3.9 | < 0.1 | 3.04 | 10 | 14 | 0.25 |
| 3301 | 201 | 202 | < 5 | 2.34 | 0.8 | 249 | 60 | 0.35 | 0.58 | < 10 | 0.24 | 0.53 | 25 | 23.8 | 23.6 | 6.1 | < 0.1 | 4.80 | 10 | 32 | 1.37 |
| 3302 | 201 | 202 | < 5 | 1.87 | 0.4 | 133.0 | 40 | 0.45 | 0.47 | < 10 | 0.14 | 0.78 | 21 | 20.4 | 27.4 | 4.3 | < 0.1 | 3.94 | 30 | 28 | 1.20 |
| 3303 | 201 | 202 | < 5 | 1.44 | 0.9 | 275 | 40 | 0.45 | 1.20 | < 10 | 0.50 | 4.03 | 16 | 14.2 | 27.0 | 3.6 | < 0.1 | 3.35 | 10 | 80 | 1.07 |
| 3304 | 201 | 202 | 25 | 1.60 | 1.0 | 321 | 60 | 0.45 | 2.26 | < 10 | 0.40 | 0.55 | 18 | 12.8 | 26.2 | 3.9 | < 0.1 | 3.66 | 10 | 70 | 0.99 |
| 3305 | 201 | 202 | < 5 | 2.17 | 0.8 | 145.5 | 120 | 0.45 | 1.54 | < 10 | 0.42 | 0.37 | 32 | 14.0 | 22.0 | 6.2 | < 0.1 | 4.04 | 10 | 40 | 1.02 |
| 3306 | 201 | 202 | < 5 | 2.38 | 1.4 | 116.0 | 170 | 0.70 | 1.94 | < 10 | 0.30 | 0.24 | 31 | 15.4 | 41.8 | 5.7 | < 0.1 | 4.21 | 20 | 56 | 0.98 |
| 3307 | 201 | 202 | 10 | 1.32 | 0.9 | 522 | 110 | 0.35 | 3.80 | < 10 | 1.28 | 8.21 | 15 | 9.6 | 24.4 | 3.3 | < 0.1 | 2.73 | 10 | 82 | 0.93 |
| 3308 | 201 | 202 | 10 | 1.98 | 0.6 | 48.8 | 140 | 0.60 | 1.55 | < 10 | 0.22 | 0.60 | 28 | 11.0 | 24.8 | 5.5 | < 0.1 | 3.39 | 10 | 26 | 0.77 |
| 3309 | 201 | 202 | 15 | 2.29 | 1.2 | 142.0 | 130 | 0.50 | 3.08 | < 10 | 0.34 | 0.86 | 30 | 13.8 | 36.4 | 5.7 | < 0.1 | 4.47 | 10 | 62 | 0.96 |
| 3310 | 201 | 202 | 15 | 1.98 | 0.6 | 76.8 | 120 | 0.45 | 2.07 | < 10 | 0.26 | 0.75 | 27 | 11.4 | 22.6 | 5.2 | < 0.1 | 3.43 | 10 | 26 | 0.84 |
| 3311 | 201 | 202 | 20 | 1.92 | 0.9 | 140.0 | 150 | 0.55 | 3.30 | < 10 | 0.34 | 0.90 | 24 | 11.6 | 30.8 | 5.0 | < 0.1 | 3.47 | 10 | 30 | 0.86 |
| 3312 | 201 | 202 | 5 | 2.17 | 0.5 | 65.0 | 110 | 0.50 | 2.22 | < 10 | 0.30 | 1.22 | 29 | 13.6 | 28.0 | 5.8 | < 0.1 | 3.54 | 10 | 24 | 0.99 |
| 3313 | 201 | 202 | < 5 | 1.62 | 1.2 | 149.0 | 160 | 0.50 | 2.38 | < 10 | 0.22 | 0.51 | 21 | 9.6 | 33.4 | 4.7 | < 0.1 | 3.35 | 10 | 38 | 0.88 |
| 3314 | 201 | 202 | < 5 | 1.62 | 1.0 | 103.0 | 190 | 0.55 | 2.03 | < 10 | 0.34 | 0.31 | 20 | 10.2 | 24.8 | 4.5 | < 0.1 | 3.44 | 10 | 34 | 0.81 |
| 3315 | 201 | 202 | < 5 | 1.21 | 1.0 | 90.6 | 120 | 0.20 | 2.34 | < 10 | 0.34 | 0.30 | 17 | 8.8 | 20.2 | 3.9 | < 0.1 | 2.77 | < 10 | 44 | 0.63 |
| 3316 | 201 | 202 | < 5 | 1.25 | 1.1 | 39.4 | 150 | 0.40 | 0.84 | < 10 | 0.50 | 0.54 | 12 | 5.6 | 21.2 | 3.6 | < 0.1 | 2.03 | < 10 | 38 | 0.45 |
| 3317 | 201 | 202 | < 5 | 0.55 | 4.9 | 284 | 70 | 0.35 | 1.44 | < 10 | 0.96 | 3.75 | 8 | 10.6 | 47.6 | 1.6 | < 0.1 | 3.71 | < 10 | 130 | 1.91 |
| 3318 | 201 | 202 | < 5 | 0.94 | 1.6 | 61.0 | 120 | 0.35 | 1.08 | < 10 | 0.98 | 1.15 | 11 | 9.8 | 28.4 | 2.6 | < 0.1 | 2.34 | < 10 | 36 | 0.53 |
| 3319 | 201 | 202 | < 5 | 0.92 | 2.4 | 118.5 | 80 | 0.50 | 3.97 | < 10 | 0.52 | 1.73 | 12 | 9.2 | 33.4 | 2.8 | < 0.1 | 3.23 | 10 | 36 | 1.09 |
| 3320 | 201 | 202 | < 5 | 1.42 | 1.2 | 75.0 | 120 | 0.35 | 2.20 | < 10 | 0.20 | 0.48 | 20 | 9.2 | 27.4 | 4.2 | < 0.1 | 2.96 | 10 | 30 | 0.66 |
| 3321 | 201 | 202 | < 5 | 1.06 | 0.9 | 59.0 | 90 | 0.30 | 1.28 | < 10 | 0.28 | 0.15 | 16 | 5.2 | 16.4 | 3.4 | < 0.1 | 2.23 | 10 | 24 | 0.41 |
| 3322 | 201 | 202 | < 5 | 2.10 | 0.9 | 67.0 | 170 | 0.65 | 1.67 | < 10 | 0.22 | 0.44 | 29 | 14.2 | 32.8 | 5.9 | < 0.1 | 3.78 | 20 | 30 | 0.98 |
| 3323 | 201 | 202 | 5 | 1.28 | 0.7 | 48.4 | 120 | 0.35 | 1.04 | < 10 | 0.16 | 0.69 | 18 | 7.8 | 18.6 | 3.2 | < 0.1 | 2.59 | 10 | 24 | 0.58 |
| 3324 | 201 | 202 | 25 | 1.59 | 0.6 | 50.4 | 110 | 0.50 | 2.17 | < 10 | 0.36 | 0.79 | 23 | 11.6 | 19.0 | 4.5 | < 0.1 | 3.05 | 10 | 22 | 0.70 |
| 3325 | 201 | 202 | < 5 | 1.72 | 0.4 | 44.2 | 90 | 0.40 | 1.11 | < 10 | 0.20 | 0.46 | 23 | 9.0 | 17.4 | 5.0 | < 0.1 | 2.80 | 10 | 22 | 0.63 |
| 3326 | 201 | 202 | 10 | 1.86 | 0.7 | 77.2 | 130 | 0.70 | 1.94 | < 10 | 0.26 | 1.10 | 26 | 13.6 | 25.0 | 5.1 | < 0.1 | 3.69 | 10 | 34 | 0.93 |
| 3327 | 201 | 202 | < 5 | 1.60 | 0.6 | 46.2 | 110 | 0.65 | 1.09 | < 10 | 0.18 | 0.43 | 26 | 8.4 | 21.2 | 4.6 | < 0.1 | 3.20 | 10 | 28 | 0.81 |
| 3328 | 201 | 202 | 45 | 2.00 | 0.8 | 76.4 | 110 | 0.65 | 5.34 | < 10 | 0.36 | 2.01 | 30 | 14.8 | 31.6 | 5.7 | < 0.1 | 3.86 | 10 | 30 | 1.64 |
| 3329 | 201 | 202 | < 5 | 1.54 | 1.5 | 130.5 | 110 | 0.60 | 1.74 | < 10 | 0.98 | 0.84 | 22 | 13.2 | 34.0 | 4.3 | < 0.1 | 3.59 | 10 | 68 | 0.93 |
| 3330 | 201 | 202 | < 5 | 1.91 | 0.5 | 23.0 | 140 | 0.70 | 0.66 | < 10 | 0.16 | 0.26 | 34 | 7.0 | 19.8 | 6.0 | < 0.1 | 3.00 | 20 | 16 | 0.87 |
| 3331 | 201 | 202 | < 5 | 1.24 | 2.4 | 119.0 | 100 | 0.40 | 1.41 | < 10 | 0.76 | 0.48 | 17 | 11.4 | 30.2 | 3.6 | < 0.1 | 3.73 | 10 | 96 | 0.67 |
| 3332 | 201 | 202 | < 5 | 1.61 | 1.4 | 478 | 90 | 0.65 | 2.46 | < 10 | 0.66 | 0.21 | 23 | 12.2 | 19.6 | 4.1 | < 0.1 | 4.63 | 10 | 118 | 0.69 |
| 3333 | 201 | 202 | 5 | 2.11 | 0.8 | 125.5 | 80 | 0.55 | 2.09 | < 10 | 0.40 | 2.28 | 29 | 17.6 | 37.0 | 5.7 | < 0.1 | 4.23 | 10 | 52 | 1.56 |
| 3334 | 201 | 202 | < 5 | 1.80 | 0.5 | 55.2 | 120 | 0.50 | 1.29 | < 10 | 0.14 | 0.30 | 24 | 9.4 | 22.2 | 5.2 | < 0.1 | 3.11 | 10 | 26 | 0.66 |
| 3335 | 201 | 202 | < 5 | 2.03 | 0.7 | 60.4 | 110 | 0.55 | 1.51 | < 10 | 0.38 | 0.45 | 32 | 12.6 | 26.8 | 5.7 | < 0.1 | 3.82 | 10 | 34 | 0.94 |
| 3336 | 201 | 202 | < 5 | 1.88 | 0.7 | 71.6 | 80 | 0.75 | 1.34 | < 10 | 0.14 | 0.16 | 26 | 13.2 | 21.6 | 4.9 | < 0.1 | 3.87 | 10 | 30 | 0.75 |

CERTIFICATION:

# ALS Chemex

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


To: NEWMONT EXPLORATION LIMITED

10101 DRY CREEK RD.
ENGLEWOOD, COLORADO
80112, USA

Project : TAY-LP
Comments: ATTN: RICHARD GORTON CC: MIKE STAMMERS


Certificate Date: 17-JUL-2000
Invoice No. :I0022649
P.O. Number :21341
Account :TNFA

## CERTIFICATE OF ANALYSIS A0022649

| SAMPLE | PREP CODE | | Mn ppm | Hg ppm | Mo ppm | Ni ppm | P ppm | K % | Sc ppm | Se ppm | Ag ppm | Na % | Sr ppm | S % | Te ppm | Tl ppm | Ti % | W ppm | U ppm | V ppm | Zn ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3297 | 201 | 202 | 430 | 0.05 | 1.6 | 31 | 730 | 0.06 | 3 | 0.5 | 0.62 | < 0.01 | 42 | 0.01 | < 0.05 | 0.08 | 0.02 | 1.60 | 3.00 | 29 | 138 |
| 3298 | 201 | 202 | 445 | 0.02 | 2.0 | 38 | 420 | 0.08 | 3 | < 0.5 | 0.12 | 0.01 | 18 | < 0.01 | < 0.05 | 0.10 | 0.03 | 1.50 | 1.20 | 35 | 124 |
| 3299 | 201 | 202 | 565 | 0.04 | 1.6 | 27 | 860 | 0.05 | 3 | 0.5 | 0.44 | 0.01 | 42 | 0.03 | < 0.05 | 0.06 | 0.02 | 1.05 | 0.85 | 26 | 114 |
| 3300 | 214 | -- | 260 | 10.70 | 9.2 | 38 | 1000 | 0.30 | 5 | 2.5 | 0.24 | 0.01 | 75 | 0.14 | 0.15 | 1.80 | 0.01 | 1.80 | 3.80 | 138 | 82 |
| 3301 | 201 | 202 | 730 | 0.29 | 1.2 | 35 | 650 | 0.04 | 3 | < 0.5 | 0.12 | < 0.01 | 29 | 0.01 | < 0.05 | 0.02 | < 0.01 | 0.20 | 0.60 | 22 | 102 |
| 3302 | 201 | 202 | 640 | 0.13 | 0.6 | 35 | 620 | 0.03 | 4 | < 0.5 | 0.14 | < 0.01 | 38 | 0.02 | < 0.05 | 0.02 | < 0.01 | 0.15 | 0.45 | 10 | 68 |
| 3303 | 201 | 202 | 460 | 0.07 | 1.2 | 28 | 830 | 0.04 | 3 | < 0.5 | 0.38 | < 0.01 | 124 | < 0.01 | < 0.05 | 0.02 | < 0.01 | 0.80 | 0.55 | 14 | 112 |
| 3304 | 201 | 202 | 590 | 0.06 | 1.6 | 29 | 610 | 0.04 | 2 | 0.5 | 0.08 | 0.01 | 25 | 0.03 | < 0.05 | 0.06 | 0.01 | 2.70 | 0.75 | 22 | 94 |
| 3305 | 201 | 202 | 655 | 0.05 | 2.2 | 32 | 370 | 0.10 | 3 | < 0.5 | 0.12 | < 0.01 | 23 | 0.01 | < 0.05 | 0.10 | 0.03 | 1.05 | 0.85 | 39 | 154 |
| 3306 | 201 | 202 | 400 | 0.06 | 2.8 | 47 | 570 | 0.10 | 3 | < 0.5 | 0.16 | 0.01 | 21 | 0.01 | 0.05 | 0.12 | 0.02 | 0.50 | 1.10 | 39 | 136 |
| 3307 | 201 | 202 | 360 | 0.06 | 1.2 | 36 | 570 | 0.09 | 1 | 1.5 | 0.70 | 0.01 | 264 | 0.08 | < 0.05 | 0.10 | 0.01 | 0.50 | 1.05 | 17 | 292 |
| 3308 | 201 | 202 | 355 | 0.04 | 1.4 | 31 | 500 | 0.09 | 3 | < 0.5 | 0.18 | 0.02 | 49 | 0.01 | 0.05 | 0.12 | 0.04 | 1.30 | 1.05 | 30 | 92 |
| 3309 | 201 | 202 | 405 | 0.05 | 2.0 | 38 | 520 | 0.09 | 3 | 0.5 | 0.26 | 0.03 | 59 | 0.04 | < 0.05 | 0.12 | 0.03 | 0.45 | 1.10 | 34 | 134 |
| 3310 | 201 | 202 | 420 | 0.04 | 1.6 | 28 | 420 | 0.10 | 3 | 1.5 | 0.16 | 0.03 | 57 | 0.03 | 0.05 | 0.10 | 0.04 | 0.60 | 1.05 | 28 | 102 |
| 3311 | 201 | 202 | 400 | 0.06 | 2.2 | 33 | 930 | 0.10 | 3 | 1.5 | 0.28 | 0.03 | 59 | 0.03 | 0.05 | 0.12 | 0.03 | 0.55 | 2.05 | 28 | 116 |
| 3312 | 201 | 202 | 345 | 0.04 | 1.0 | 35 | 610 | 0.14 | 3 | 0.5 | 0.20 | 0.04 | 73 | 0.02 | < 0.05 | 0.18 | 0.03 | 0.50 | 0.85 | 27 | 80 |
| 3313 | 201 | 202 | 325 | 0.07 | 3.4 | 29 | 1040 | 0.07 | 2 | 2.0 | 0.32 | < 0.01 | 17 | 0.02 | < 0.05 | 0.06 | 0.02 | 0.35 | 2.80 | 31 | 164 |
| 3314 | 201 | 202 | 405 | 0.06 | 2.8 | 24 | 1160 | 0.06 | 2 | 2.0 | 0.12 | 0.01 | 16 | 0.03 | < 0.05 | 0.06 | 0.01 | 0.35 | 1.30 | 31 | 142 |
| 3315 | 201 | 202 | 290 | 0.04 | 2.6 | 21 | 940 | 0.06 | 1 | 2.0 | 0.10 | < 0.01 | 13 | 0.03 | < 0.05 | 0.06 | 0.01 | 0.50 | 1.20 | 28 | 112 |
| 3316 | 201 | 202 | 250 | 0.04 | 2.2 | 18 | 790 | 0.05 | < 1 | 1.5 | 0.20 | 0.01 | 18 | 0.05 | < 0.05 | 0.04 | 0.01 | 0.20 | 1.00 | 25 | 90 |
| 3317 | 201 | 202 | 775 | 0.04 | 2.4 | 37 | 1220 | 0.02 | 1 | 2.0 | 0.76 | 0.01 | 27 | 0.07 | < 0.05 | 0.06 | < 0.01 | 0.20 | 1.60 | 18 | 228 |
| 3318 | 201 | 202 | 590 | 0.07 | 1.8 | 29 | 990 | 0.04 | 1 | 3.5 | 0.36 | 0.01 | 23 | 0.08 | < 0.05 | 0.04 | 0.01 | 0.15 | 2.90 | 19 | 124 |
| 3319 | 201 | 202 | 540 | 0.05 | 2.2 | 29 | 1020 | 0.04 | 1 | 1.5 | 0.38 | 0.01 | 25 | 0.04 | < 0.05 | 0.08 | 0.01 | 2.30 | 2.50 | 24 | 106 |
| 3320 | 201 | 202 | 190 | 0.03 | 2.2 | 31 | 530 | 0.06 | 1 | < 0.5 | 0.18 | < 0.01 | 21 | 0.01 | 0.05 | 0.08 | 0.01 | 0.40 | 0.95 | 30 | 104 |
| 3321 | 201 | 202 | 125 | 0.02 | 2.2 | 17 | 630 | 0.04 | 1 | 0.5 | 0.20 | < 0.01 | 10 | < 0.01 | < 0.05 | 0.04 | 0.01 | 0.25 | 0.85 | 26 | 84 |
| 3322 | 201 | 202 | 495 | 0.05 | 1.8 | 39 | 900 | 0.10 | 4 | < 0.5 | 0.14 | 0.03 | 29 | < 0.01 | 0.05 | 0.14 | 0.03 | 0.50 | 1.05 | 31 | 100 |
| 3323 | 201 | 202 | 280 | 0.03 | 1.2 | 24 | 710 | 0.06 | 1 | 0.5 | 0.18 | 0.01 | 31 | 0.03 | < 0.05 | 0.06 | 0.02 | 0.35 | 1.35 | 24 | 88 |
| 3324 | 201 | 202 | 455 | 0.04 | 1.4 | 26 | 760 | 0.09 | 2 | < 0.5 | 0.18 | 0.03 | 53 | 0.04 | < 0.05 | 0.12 | 0.03 | 0.30 | 1.25 | 27 | 124 |
| 3325 | 201 | 202 | 225 | 0.02 | 1.0 | 24 | 430 | 0.05 | 1 | < 0.5 | 0.10 | 0.01 | 37 | 0.01 | < 0.05 | 0.08 | 0.02 | 0.80 | 1.00 | 27 | 72 |
| 3326 | 201 | 202 | 660 | 0.04 | 1.6 | 34 | 740 | 0.11 | 3 | 0.5 | 0.34 | 0.02 | 55 | 0.03 | < 0.05 | 0.08 | 0.03 | 0.50 | 1.45 | 29 | 108 |
| 3327 | 201 | 202 | 335 | 0.06 | 1.6 | 29 | 810 | 0.06 | 2 | < 0.5 | 0.22 | 0.01 | 25 | 0.01 | < 0.05 | 0.08 | 0.03 | 0.40 | 1.20 | 27 | 102 |
| 3328 | 201 | 202 | 445 | 0.05 | 1.6 | 37 | 930 | 0.12 | 4 | < 0.5 | 0.26 | 0.04 | 86 | 0.01 | 0.05 | 0.14 | 0.04 | 0.50 | 1.15 | 29 | 110 |
| 3329 | 201 | 202 | 360 | 0.05 | 2.4 | 39 | 1190 | 0.06 | 3 | 0.5 | 0.54 | 0.01 | 36 | 0.01 | < 0.05 | 0.10 | 0.02 | 0.70 | 0.70 | 26 | 200 |
| 3330 | 201 | 202 | 275 | 0.03 | 1.2 | 28 | 500 | 0.14 | 3 | < 0.5 | 0.12 | 0.01 | 20 | < 0.01 | < 0.05 | 0.14 | 0.05 | 0.30 | 1.25 | 33 | 110 |
| 3331 | 201 | 202 | 220 | 0.06 | 3.8 | 35 | 1010 | 0.07 | 2 | 1.0 | 0.68 | 0.01 | 18 | 0.03 | 0.05 | 0.10 | 0.01 | 0.50 | 1.30 | 22 | 238 |
| 3332 | 201 | 202 | 760 | 0.03 | 2.4 | 31 | 580 | 0.05 | 2 | < 0.5 | 0.18 | < 0.01 | 19 | 0.02 | < 0.05 | 0.08 | 0.01 | 1.25 | 0.95 | 26 | 160 |
| 3333 | 201 | 202 | 510 | 0.03 | 1.6 | 41 | 610 | 0.17 | 3 | < 0.5 | 0.46 | 0.05 | 96 | 0.01 | 0.05 | 0.24 | 0.03 | 0.75 | 1.05 | 26 | 116 |
| 3334 | 201 | 202 | 235 | 0.04 | 1.4 | 28 | 400 | 0.08 | 1 | < 0.5 | 0.26 | 0.02 | 34 | < 0.01 | < 0.05 | 0.12 | 0.03 | 0.40 | 0.85 | 27 | 96 |
| 3335 | 201 | 202 | 415 | 0.04 | 1.8 | 38 | 870 | 0.09 | 3 | 0.5 | 0.12 | 0.01 | 35 | 0.01 | < 0.05 | 0.10 | 0.03 | 0.70 | 2.05 | 32 | 136 |
| 3336 | 201 | 202 | 275 | 0.03 | 2.2 | 36 | 600 | 0.05 | 2 | < 0.5 | 0.12 | < 0.01 | 12 | < 0.01 | < 0.05 | 0.10 | 0.02 | 0.80 | 0.95 | 28 | 102 |

CERTIFICATION:

# ALS Chemex

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


To: NEWMONT EXPLORATION LIMITED

10101 DRY CREEK RD.
ENGLEWOOD, COLORADO
80112, USA

Project : TAY-LP
Comments: ATTN: RICHARD GORTON CC: MIKE STAMMERS

Page Number :3-A
Total Pages :3
Certificate Date: 17-JUL-2000
Invoice No. :I0022649
P.O. Number :21341
Account :TNFA

## CERTIFICATE OF ANALYSIS A0022649

| SAMPLE | PREP CODE | | Au ppb FA+AA | Al % | Sb ppm | As ppm | Ba ppm | Be ppm | Bi ppm | B ppm | Cd ppm | Ca % | Cr ppm | Co ppm | Cu ppm | Ga ppm | Ge ppm | Fe % | La ppm | Pb ppm | Mg % |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3362 | 201 | 202 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| 3363 | 201 | 202 | < 5 | 1.77 | 0.9 | 75.6 | 110 | 0.45 | 1.40 | < 10 | 0.08 | 0.26 | 28 | 8.6 | 21.6 | 4.9 | < 0.1 | 3.43 | 10 | 32 | 0.80 |
| 3368 | 201 | 202 | < 5 | 2.58 | 0.3 | 35.8 | 80 | 0.55 | 1.14 | < 10 | 0.28 | 1.05 | 36 | 11.6 | 15.8 | 7.0 | < 0.1 | 3.24 | < 10 | 16 | 0.77 |
| 3369 | 201 | 202 | 10 | 1.81 | 0.4 | 26.4 | 140 | 0.40 | 1.35 | < 10 | 0.44 | 0.89 | 24 | 8.2 | 27.4 | 4.2 | < 0.1 | 2.67 | < 10 | 16 | 0.57 |
| 3370 | 201 | 202 | 10 | 2.03 | 0.6 | 47.4 | 90 | 0.55 | 1.43 | < 10 | 0.10 | 0.11 | 28 | 9.8 | 19.6 | 5.8 | < 0.1 | 3.78 | 10 | 30 | 0.75 |
| 3371 | 201 | 202 | < 5 | 1.35 | 0.4 | 21.4 | 110 | 0.35 | 0.77 | < 10 | 0.18 | 0.09 | 17 | 4.6 | 15.2 | 5.9 | < 0.1 | 2.30 | 10 | 18 | 0.35 |
| 3372 | 201 | 202 | 20 | 1.35 | 0.8 | 26.0 | 250 | 0.25 | 4.00 | < 10 | 0.32 | 0.29 | 19 | 4.6 | 15.6 | 5.7 | < 0.1 | 2.76 | 10 | 58 | 0.40 |
| 3373 | 201 | 202 | 105 | 1.66 | 0.6 | 52.8 | 100 | 0.45 | 2.27 | < 10 | 0.26 | 0.05 | 22 | 6.8 | 21.8 | 5.8 | < 0.1 | 3.63 | 10 | 24 | 0.49 |
| 3374 | 201 | 202 | < 5 | 1.80 | 0.5 | 74.6 | 140 | 0.60 | 1.53 | < 10 | 0.18 | 0.44 | 26 | 9.8 | 15.6 | 4.8 | < 0.1 | 3.29 | 10 | 36 | 0.73 |
| 3375 | 201 | 202 | < 5 | 1.60 | 0.5 | 57.0 | 100 | 0.50 | 1.31 | < 10 | 0.28 | 0.71 | 24 | 9.2 | 17.8 | 4.3 | < 0.1 | 3.17 | 10 | 26 | 0.69 |
| 3376 | 201 | 202 | < 5 | 1.30 | 0.4 | 36.8 | 140 | 0.30 | 0.91 | < 10 | 0.44 | 1.11 | 16 | 6.8 | 14.2 | 3.3 | < 0.1 | 2.14 | < 10 | 22 | 0.49 |
| 3377 | 201 | 202 | < 5 | 1.78 | 0.6 | 65.4 | 140 | 0.70 | 1.62 | < 10 | 0.48 | 0.63 | 24 | 10.0 | 25.4 | 4.4 | < 0.1 | 3.43 | 10 | 32 | 0.73 |
| 3378 | 201 | 202 | 40 | 1.65 | 0.7 | 78.6 | 100 | 0.65 | 1.66 | < 10 | 0.28 | 0.63 | 25 | 11.0 | 26.2 | 4.4 | < 0.1 | 3.59 | 10 | 36 | 0.88 |
| 3379 | 201 | 202 | 10 | 1.65 | 0.4 | 50.0 | 60 | 0.40 | 1.22 | < 10 | 0.08 | 0.17 | 24 | 10.0 | 17.8 | 4.2 | < 0.1 | 3.25 | 10 | 22 | 0.71 |
| 3380 | 201 | 202 | 15 | 1.86 | 0.4 | 41.8 | 60 | 0.35 | 1.87 | < 10 | 0.08 | 0.05 | 31 | 8.8 | 13.8 | 8.1 | < 0.1 | 3.93 | 10 | 14 | 0.79 |
| 3381 | 201 | 202 | 25 | 1.02 | 1.3 | 85.0 | 100 | 0.55 | 3.50 | < 10 | 0.06 | 0.07 | 12 | 17.6 | 99.6 | 3.0 | 0.1 | 7.94 | 40 | 14 | 0.23 |
| 3382 | 201 | 202 | 10 | 2.98 | 0.5 | 37.6 | 190 | 0.55 | 1.86 | < 10 | 0.30 | 2.23 | 37 | 13.4 | 22.6 | 7.9 | < 0.1 | 3.58 | 10 | 22 | 1.75 |
| 3383 | 201 | 202 | 10 | 2.65 | 0.7 | 41.0 | 150 | 0.90 | 2.20 | < 10 | 0.86 | 0.76 | 35 | 14.6 | 19.6 | 7.2 | < 0.1 | 3.33 | 10 | 26 | 1.44 |
| 3384 | 201 | 202 | < 5 | 2.27 | 0.6 | 81.6 | 110 | 0.70 | 2.22 | < 10 | 0.22 | 0.09 | 30 | 8.0 | 13.2 | 6.1 | < 0.1 | 4.14 | 10 | 32 | 0.80 |
| 3385 | 201 | 202 | < 5 | 0.98 | 0.4 | 129.5 | 50 | 0.75 | 5.88 | < 10 | 0.24 | 0.08 | 10 | 2.8 | 6.6 | 2.6 | < 0.1 | 1.77 | 10 | 44 | 0.20 |

CERTIFICATION: [signature]

# ALS Chemex

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


To: NEWMONT EXPLORATION LIMITED

10101 DRY CREEK RD.
ENGLEWOOD, COLORADO
80112, USA

Project : TAY-LP
Comments: ATTN: RICHARD GORTON CC: MIKE STAMMERS


Certificate Date: 17-JUL-2000
Invoice No. :I0022649
P.O. Number :21341
Account :TNFA

## CERTIFICATE OF ANALYSIS A0022649

| SAMPLE | PREP CODE | Mn ppm | Hg ppm | Mo ppm | Ni ppm | P ppm | K % | Sc ppm | Se ppm | Ag ppm | Na % | Sr ppm | S % | Te ppm | Tl ppm | Ti % | W ppm | U ppm | V ppm | Zn ppm |
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| | | | | | | | | | | | | | | | | | | | | 6 |
| 3362 | 201 202 | 330 | 0.01 | 2.0 | 34 | 580 | 0.06 | 3 | < 0.5 | 0.12 | < 0.01 | 22 | < 0.01 | < 0.05 | 0.10 | 0.01 | 0.45 | 0.90 | 28 | 8 |
| 3363 | 201 202 | 190 | 0.03 | 2.0 | 29 | 610 | 0.05 | 1 | < 0.5 | 0.12 | < 0.01 | 15 | < 0.01 | < 0.05 | 0.08 | 0.01 | 0.40 | 0.95 | 29 | 84 |
| 3364 | 201 202 | 485 | 0.02 | 2.0 | 30 | 810 | 0.07 | 2 | < 0.5 | 0.08 | < 0.01 | 25 | < 0.01 | < 0.05 | 0.10 | 0.02 | 0.35 | 0.85 | 26 | 80 |
| 3365 | 201 202 | 1000 | 0.01 | 1.8 | 29 | 1000 | 0.08 | 2 | < 0.5 | 0.08 | < 0.01 | 19 | < 0.01 | < 0.05 | 0.08 | 0.02 | 0.30 | 0.75 | 28 | 76 |
| 3366 | 201 202 | 1000 | 0.01 | 1.8 | 29 | 1000 | 0.08 | 2 | < 0.5 | 0.08 | < 0.01 | 19 | < 0.01 | < 0.05 | 0.08 | 0.02 | 0.30 | 0.75 | 28 | 76 |
| 3367 | 201 202 | 1000 | 0.01 | 1.8 | 29 | 1000 | 0.08 | 2 | < 0.5 | 0.08 | < 0.01 | 19 | < 0.01 | < 0.05 | 0.08 | 0.02 | 0.30 | 0.75 | 28 | 76 |
| 3368 | 201 202 | 245 | 0.01 | 0.8 | 28 | 410 | 0.16 | 4 | < 0.5 | 0.14 | 0.05 | 130 | 0.03 | < 0.05 | 0.20 | 0.05 | 0.85 | 0.85 | 29 | 72 |
| 3369 | 201 202 | 360 | 0.06 | 1.0 | 26 | 620 | 0.09 | 1 | 1.5 | 0.20 | 0.03 | 48 | 0.06 | < 0.05 | 0.10 | 0.03 | 0.65 | 1.55 | 20 | 140 |
| 3370 | 201 202 | 250 | 0.01 | 1.8 | 29 | 460 | 0.07 | 2 | < 0.5 | 0.08 | < 0.01 | 12 | < 0.01 | < 0.05 | 0.10 | 0.03 | 0.50 | 0.85 | 31 | 88 |
| 3371 | 201 202 | 125 | 0.03 | 1.6 | 15 | 210 | 0.05 | 1 | < 0.5 | 0.18 | < 0.01 | 13 | < 0.01 | < 0.05 | 0.08 | 0.03 | 0.80 | 0.95 | 30 | 60 |
| 3372 | 201 202 | 150 | 0.03 | 2.0 | 16 | 290 | 0.05 | 1 | < 0.5 | 0.24 | < 0.01 | 23 | 0.01 | < 0.05 | 0.10 | 0.03 | 0.50 | 0.60 | 29 | 110 |
| 3373 | 201 202 | 190 | 0.02 | 2.0 | 24 | 340 | 0.05 | 1 | < 0.5 | 0.22 | < 0.01 | 7 | 0.01 | 0.05 | 0.08 | 0.02 | 0.90 | 0.75 | 35 | 68 |
| 3374 | 201 202 | 380 | 0.03 | 1.4 | 27 | 660 | 0.07 | 2 | < 0.5 | 0.48 | 0.01 | 28 | 0.03 | < 0.05 | 0.08 | 0.03 | 0.75 | 1.40 | 26 | 112 |
| 3375 | 201 202 | 295 | 0.04 | 1.4 | 28 | 820 | 0.06 | 2 | 0.5 | 0.30 | 0.01 | 37 | 0.03 | < 0.05 | 0.08 | 0.02 | 1.55 | 1.00 | 23 | 120 |
| 3376 | 201 202 | 420 | 0.04 | 1.0 | 19 | 700 | 0.05 | 1 | < 0.5 | 0.30 | 0.01 | 51 | 0.04 | < 0.05 | 0.08 | 0.01 | 0.45 | 0.85 | 19 | 84 |
| 3377 | 201 202 | 325 | 0.05 | 1.4 | 35 | 900 | 0.07 | 2 | < 0.5 | 0.36 | 0.01 | 32 | 0.03 | < 0.05 | 0.08 | 0.02 | 0.95 | 2.05 | 25 | 142 |
| 3378 | 201 202 | 365 | 0.03 | 1.6 | 37 | 800 | 0.06 | 3 | < 0.5 | 0.26 | < 0.01 | 22 | < 0.01 | < 0.05 | 0.10 | 0.02 | 1.25 | 1.10 | 26 | 108 |
| 3379 | 201 202 | 210 | 0.01 | 1.4 | 33 | 600 | 0.05 | 1 | < 0.5 | 0.10 | < 0.01 | 13 | 0.01 | < 0.05 | 0.08 | 0.02 | 0.60 | 0.90 | 24 | 86 |
| 3380 | 201 202 | 240 | 0.03 | 1.2 | 26 | 490 | 0.09 | 2 | < 0.5 | 0.14 | < 0.01 | 9 | 0.01 | < 0.05 | 0.10 | 0.05 | 1.85 | 0.80 | 39 | 66 |
| 3381 | 201 202 | 170 | 0.06 | 2.0 | 51 | 1510 | 0.14 | 1 | 1.0 | 0.38 | 0.02 | 141 | 0.26 | 0.10 | 0.14 | 0.01 | 1.75 | 2.70 | 10 | 26 |
| 3382 | 201 202 | 335 | 0.01 | 1.2 | 38 | 850 | 0.36 | 4 | < 0.5 | 0.18 | 0.06 | 81 | 0.02 | < 0.05 | 0.34 | 0.06 | 1.15 | 0.95 | 40 | 112 |
| 3383 | 201 202 | 530 | 0.02 | 1.4 | 37 | 680 | 0.27 | 4 | < 0.5 | 0.18 | 0.04 | 42 | 0.01 | < 0.05 | 0.26 | 0.05 | 1.45 | 1.05 | 40 | 136 |
| 3384 | 201 202 | 195 | 0.01 | 1.6 | 26 | 240 | 0.09 | 2 | < 0.5 | 0.12 | 0.01 | 12 | < 0.01 | < 0.05 | 0.12 | 0.01 | 2.65 | 0.90 | 34 | 88 |
| 3385 | 201 202 | 145 | 0.01 | 1.0 | 9 | 460 | 0.07 | < 1 | < 0.5 | 0.16 | < 0.01 | 15 | 0.01 | < 0.05 | 0.10 | < 0.01 | 1.45 | 4.15 | 13 | 66 |

CERTIFICATION:

# ALS Chemex

Chemex Labs, Inc.
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PHONE: 775-356-5395 FAX: 775-355-0179


To: NEWMONT EXPLORATION LIMITED

10101 DRY CREEK RD.
ENGLEWOOD, COLORADO
80112, USA

A0022998

Comments: ATTN: RICHARD GORTON CC: MIKE STAMMERS

## CERTIFICATE A0022998

(TNFA) - NEWMONT EXPLORATION LIMITED

Project: TAY-LP
P.O. # : 21341

Samples submitted to our lab in Vancouver, BC.
This report was printed on 18-JUL-2000.

## SAMPLE PREPARATION

| CHEMEX CODE | NUMBER SAMPLES | DESCRIPTION |
|---|---|---|
| 205 | 13 | Geochem ring to approx 150 mesh |
| 226 | 13 | 0-3 Kg crush and split |
| 3202 | 13 | Rock - save entire reject |

* NOTE 1:

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

## ANALYTICAL PROCEDURES 1 of 2

| CHEMEX CODE | NUMBER SAMPLES | DESCRIPTION | METHOD | DETECTION LIMIT | UPPER LIMIT |
|---|---|---|---|---|---|
| 983 | 13 | Au ppb: Fuse 30 g sample | FA-AAS | 5 | 10000 |
| 9201 | 13 | Al %: ICP + ICP-MS package | ICP | 0.01 | 15.00 |
| 9202 | 13 | Sb ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.1 | 10000 |
| 9203 | 13 | As ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.2 | 10000 |
| 9204 | 13 | Ba ppm: ICP + ICP-MS package | ICP | 10 | 10000 |
| 9205 | 13 | Be ppm: ICP + ICP-MS package | ICP | 0.05 | 100.0 |
| 9206 | 13 | Bi ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.01 | 10000 |
| 9235 | 13 | B ppm: ICP + ICP-MS package | ICP | 10 | 10000 |
| 9207 | 13 | Cd ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.02 | 500 |
| 9208 | 13 | Ca %: ICP + ICP-MS package | ICP | 0.01 | 15.00 |
| 9209 | 13 | Cr ppm: ICP + ICP-MS package | ICP | 1 | 10000 |
| 9210 | 13 | Co ppm: ICP + ICP-MS package | ICP | 0.2 | 10000 |
| 9211 | 13 | Cu ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.2 | 10000 |
| 9212 | 13 | Ga ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.1 | 10000 |
| 9213 | 13 | Ge ppm: ICP + ICP-MS package | ICP-MS | 0.1 | 500 |
| 9214 | 13 | Fe %: ICP + ICP-MS package | ICP | 0.01 | 15.00 |
| 9215 | 13 | La ppm: ICP + ICP-MS package | ICP | 10 | 10000 |
| 9216 | 13 | Pb ppm: ICP + ICP-MS package | ICP | 2 | 10000 |
| 9217 | 13 | Mg %: ICP + ICP-MS package | ICP | 0.01 | 15.00 |
| 9218 | 13 | Mn ppm: ICP + ICP-MS package | ICP | 5 | 10000 |
| 9219 | 13 | Hg ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.01 | 10000 |
| 9220 | 13 | Mo ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.2 | 10000 |
| 9221 | 13 | Ni ppm: ICP + ICP-MS package | ICP | 1 | 10000 |
| 9222 | 13 | P ppm: ICP + ICP-MS package | ICP | 10 | 10000 |
| 9223 | 13 | K %: ICP + ICP-MS package | ICP | 0.01 | 10.00 |
| 9224 | 13 | Sc ppm: ICP + ICP-MS package | ICP | 1 | 10000 |
| 9237 | 13 | Se ppm: ICP + ICP-MS package | ICP-MS | 0.5 | 1000 |
| 9225 | 13 | Ag ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.02 | 100.0 |
| 9226 | 13 | Na %: ICP + ICP-MS package | ICP | 0.01 | 10.00 |
| 9227 | 13 | Sr ppm: ICP + ICP-MS package | ICP | 1 | 10000 |
| 9236 | 13 | S %: ICP + ICP-MS package | ICP | 0.01 | 5.00 |
| 9228 | 13 | Te ppm: ICP + ICP-MS package | ICP-MS | 0.05 | 500 |
| 9229 | 13 | Tl ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.02 | 10000 |
| 9230 | 13 | Ti %: ICP + ICP-MS package | ICP | 0.01 | 10.00 |
| 9231 | 13 | W ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.05 | 10000 |
| 9232 | 13 | U ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.05 | 10000 |
| 9233 | 13 | V ppm: ICP + ICP-MS package | ICP | 1 | 10000 |


**The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him/her and based on an evaluation of all engineering data which is available concerning any proposed project**

**Statement required by Nevada State Law NRS 519**

# ALS Chemex

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10101 DRY CREEK RD.
ENGLEWOOD, COLORADO
80112, USA

A0022998

Comments: ATTN: RICHARD GORTON CC: MIKE STAMMERS

## CERTIFICATE A0022998

(TNFA) - NEWMONT EXPLORATION LIMITED

Project: TAY-LP
P.O. # : 21341

Samples submitted to our lab in Vancouver, BC.
This report was printed on 18-JUL-2000.

## SAMPLE PREPARATION

| CHEMEX CODE | NUMBER SAMPLES | DESCRIPTION |
|---|---|---|
| 205 | 13 | Geochem ring to approx 150 mesh |
| 226 | 13 | 0-3 Kg crush and split |
| 3202 | 13 | Rock - save entire reject |

* NOTE 1:

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

## ANALYTICAL PROCEDURES 2 of 2

| CHEMEX CODE | NUMBER SAMPLES | DESCRIPTION | METHOD | DETECTION LIMIT | UPPER LIMIT |
|---|---|---|---|---|---|
| 9234 | 13 | Zn ppm: ICP + ICP-MS package | ICP | 2 | 10000 |


The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a quatified person selected by him/her and based on an evaluation of all engineering data which is available concerning any proposed project

Statement required by Nevada State Law NRS 519

# ALS Chemex

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80112, USA

Project : TAY-LP
Comments: ATTN: RICHARD GORTON CC: MIKE STAMMERS

Page Number :1-A
Total Pages :1
Certificate Date: 18-JUL-2000
Invoice No. :I0022998
P.O. Number :21341
Account :TNFA

## CERTIFICATE OF ANALYSIS A0022998

| SAMPLE | PREP CODE | | Au ppb FA+AA | Al % | Sb ppm | As ppm | Ba ppm | Be ppm | Bi ppm | B ppm | Cd ppm | Ca % | Cr ppm | Co ppm | Cu ppm | Ga ppm | Ge ppm | Fe % | La ppm | Pb ppm | Mg % |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2331 | 205 | 226 | < 5 | 0.51 | 0.3 | 8.4 | 200 | 0.85 | 0.60 | < 10 | 0.02 | 0.01 | 80 | 1.0 | 5.4 | 2.4 | < 0.1 | 1.86 | < 10 | 18 | 0.06 |
| 2332 | 205 | 226 | 2100 | < 0.01 | 116.0 | >10000 | < 10 | 0.50 | 50.0 | < 10 | < 0.50 | < 0.01 | 87 | 2.0 | 169.0 | < 10.0 | Minrlzd | >15.00 | < 10 | 3420 | 0.01 |
| 2333 | 205 | 226 | < 5 | 0.10 | 0.4 | 169.0 | 30 | 0.05 | 0.43 | < 10 | 0.22 | 0.08 | 213 | 1.2 | 3.0 | 0.4 | < 0.1 | 0.48 | < 10 | 10 | 0.05 |
| 2334 | 205 | 226 | 225 | < 0.01 | 22.0 | >10000 | < 10 | 0.50 | 36.0 | < 10 | 8.00 | 0.07 | 130 | 8.0 | 313 | 10.0 | Minrlzd | >15.00 | < 10 | 4470 | 0.23 |
| 2335 | 205 | 226 | 275 | < 0.01 | 40.0 | >10000 | < 10 | 1.00 | 190.0 | < 10 | 22.0 | 0.11 | 42 | 23.0 | 1000 | 10.0 | Minrlzd | >15.00 | < 10 | 4250 | 0.87 |
| 2336 | 205 | 226 | < 5 | 0.39 | 1.4 | 67.4 | 70 | 0.90 | 0.85 | < 10 | 0.10 | 1.23 | 3 | 5.6 | 6.0 | 6.0 | 0.9 | >15.00 | < 10 | 36 | 1.45 |
| 2337 | 205 | 226 | 15 | 0.18 | 2.6 | 1880 | 50 | 0.15 | 6.99 | < 10 | 0.22 | 0.01 | 146 | 1.2 | 131.0 | 0.9 | 0.1 | 6.06 | < 10 | 80 | 0.04 |
| 2338 | 205 | 226 | < 5 | 1.01 | 0.5 | 460 | 50 | 0.30 | 2.04 | < 10 | 0.02 | 0.09 | 45 | 1.0 | 117.0 | 6.9 | 0.1 | 6.66 | 20 | < 2 | 0.48 |
| 2339 | 205 | 226 | 15 | 0.60 | 1.9 | 6900 | < 10 | 0.45 | 19.75 | < 10 | 0.12 | 0.14 | 79 | 3.6 | 422 | 2.1 | 0.3 | 13.70 | 10 | 56 | 0.17 |
| 2483 | 205 | 226 | < 5 | 0.34 | 0.6 | 38.8 | 110 | 0.40 | 0.27 | < 10 | 0.16 | < 0.01 | 120 | 0.6 | 5.2 | 1.2 | < 0.1 | 0.50 | 20 | 68 | 0.01 |
| 2484 | 205 | 226 | < 5 | 0.77 | 1.0 | 85.2 | 80 | 0.65 | 0.41 | < 10 | 0.94 | 0.05 | 35 | 2.0 | 23.0 | 5.4 | 0.3 | 13.55 | 40 | 46 | 0.57 |
| 2485 | 205 | 226 | < 5 | 0.15 | < 0.1 | 9.4 | < 10 | < 0.05 | 0.04 | < 10 | < 0.02 | < 0.01 | 235 | 1.6 | 3.0 | 0.4 | < 0.1 | 0.60 | < 10 | < 2 | 0.06 |
| 2486 | 205 | 226 | < 5 | 0.06 | < 0.1 | 31.2 | < 10 | 0.05 | 0.23 | < 10 | 0.02 | < 0.01 | 210 | 2.0 | 15.4 | 0.2 | < 0.1 | 0.72 | < 10 | 6 | 0.01 |

CERTIFICATION: _____

# ALS Chemex

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80112, USA

Project : TAY-LP
Comments: ATTN: RICHARD GORTON CC: MIKE STAMMERS

Page Number :1-B
Total Pages :1
Certificate Date: 18-JUL-2000
Invoice No. :I0022998
P.O. Number :21341
Account :TNFA

## CERTIFICATE OF ANALYSIS A0022998

| SAMPLE | PREP CODE | | Mn ppm | Hg ppm | Mo ppm | Ni ppm | P ppm | K % | Sc ppm | Se ppm | Ag ppm | Na % | Sr ppm | S % | Te ppm | Tl ppm | Ti % | W ppm | U ppm | V ppm | Zn ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2331 | 205 | 226 | 15 | 0.02 | 6.8 | 4 | 110 | 0.32 | < 1 | 2.0 | 0.56 | 0.05 | 7 | 0.70 | 0.70 | 0.02 | < 0.01 | 1.05 | 3.00 | 1 | 6 |
| 2332 | 205 | 226 | 20 | < 1.00 | 26.0 | 6 | 200 | 0.04 | < 1 | Minrlzd | 31.8 | 0.01 | 6 | >5.00 | Minrlzd | < 10.00 | < 0.01 | 30.0 | < 10.00 | 24 | 158 |
| 2333 | 205 | 226 | 75 | < 0.01 | 2.8 | 10 | 50 | 0.04 | < 1 | 0.5 | 0.10 | < 0.01 | 4 | 0.04 | < 0.05 | < 0.02 | < 0.01 | 0.80 | 0.20 | 14 | 14 |
| 2334 | 205 | 226 | 9160 | < 1.00 | 11.0 | 4 | 90 | 0.05 | < 1 | Minrlzd | 17.60 | < 0.01 | 15 | >5.00 | Minrlzd | < 10.00 | < 0.01 | < 10.00 | < 10.00 | < 1 | 1275 |
| 2335 | 205 | 226 | 7970 | < 1.00 | 13.0 | 7 | 180 | 0.03 | < 1 | Minrlzd | 54.6 | < 0.01 | 6 | >5.00 | Minrlzd | < 10.00 | < 0.01 | < 10.00 | < 10.00 | 1 | 2960 |
| 2336 | 205 | 226 | 590 | < 0.01 | 0.2 | 13 | 400 | 0.09 | < 1 | < 0.5 | 0.30 | 0.01 | 37 | 0.37 | < 0.05 | 0.12 | 0.03 | 0.20 | 0.55 | 81 | 142 |
| 2337 | 205 | 226 | 270 | < 0.01 | 1.4 | 5 | 50 | 0.17 | < 1 | 2.0 | 1.70 | < 0.01 | 3 | 0.45 | < 0.05 | 0.02 | < 0.01 | 0.40 | 0.40 | < 1 | 36 |
| 2338 | 205 | 226 | 80 | < 0.01 | 0.6 | 1 | 330 | 0.35 | 1 | 0.5 | 0.20 | 0.06 | 7 | 2.41 | < 0.05 | 0.10 | 0.02 | 0.25 | 1.05 | 3 | 14 |
| 2339 | 205 | 226 | 390 | < 0.01 | 1.4 | 4 | 900 | 0.41 | 1 | 2.5 | 3.22 | < 0.01 | 8 | >5.00 | < 0.05 | 0.12 | < 0.01 | 0.40 | 5.00 | < 1 | 36 |
| 2483 | 205 | 226 | 25 | 0.06 | 3.8 | 5 | 70 | 0.28 | < 1 | 1.5 | 0.56 | 0.01 | 10 | 0.10 | < 0.05 | 0.08 | < 0.01 | 0.20 | 0.80 | 14 | 20 |
| 2484 | 205 | 226 | 935 | 0.02 | 6.0 | 13 | 820 | 0.14 | < 1 | 0.5 | 0.30 | 0.04 | 9 | 0.08 | < 0.05 | 0.12 | < 0.01 | 0.20 | 4.45 | 30 | 420 |
| 2485 | 205 | 226 | 35 | < 0.01 | 1.2 | 8 | 10 | 0.03 | < 1 | < 0.5 | < 0.02 | 0.01 | 4 | < 0.01 | < 0.05 | < 0.02 | < 0.01 | 0.40 | 0.05 | 1 | 6 |
| 2486 | 205 | 226 | 50 | < 0.01 | 0.6 | 10 | < 10 | 0.01 | < 1 | < 0.5 | 0.06 | < 0.01 | 2 | 0.02 | < 0.05 | < 0.02 | < 0.01 | 0.30 | 0.20 | < 1 | 6 |

CERTIFICATION: *+

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To: NEWMONT EXPLORATION LIMITED

10101 DRY CREEK RD.
ENGLEWOOD, COLORADO
80112, USA

A0023000

Comments: ATTN: RICHARD GORTON CC: MIKE STAMMERS

## CERTIFICATE A0023000

(TNFA) - NEWMONT EXPLORATION LIMITED

Project: TAY-LP
P.O. # : 21341

Samples submitted to our lab in Vancouver, BC.
This report was printed on 20-JUL-2000.

## SAMPLE PREPARATION

| CHEMEX CODE | NUMBER SAMPLES | DESCRIPTION |
|---|---|---|
| 201 | 147 | Dry, sieve to -80 mesh |
| 202 | 147 | save reject |
| 214 | 2 | Rcvd as pulp; mesh size checked |

* NOTE 1:

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

## ANALYTICAL PROCEDURES 1 of 2

| CHEMEX CODE | NUMBER SAMPLES | DESCRIPTION | METHOD | DETECTION LIMIT | UPPER LIMIT |
|---|---|---|---|---|---|
| 983 | 149 | Au ppb: Fuse 30 g sample | FA-AAS | 5 | 10000 |
| 9201 | 149 | Al %: ICP + ICP-MS package | ICP | 0.01 | 15.00 |
| 9202 | 149 | Sb ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.1 | 10000 |
| 9203 | 149 | As ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.2 | 10000 |
| 9204 | 149 | Ba ppm: ICP + ICP-MS package | ICP | 10 | 10000 |
| 9205 | 149 | Be ppm: ICP + ICP-MS package | ICP | 0.05 | 100.0 |
| 9206 | 149 | Bi ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.01 | 10000 |
| 9235 | 149 | B ppm: ICP + ICP-MS package | ICP | 10 | 10000 |
| 9207 | 149 | Cd ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.02 | 500 |
| 9208 | 149 | Ca %: ICP + ICP-MS package | ICP | 0.01 | 15.00 |
| 9209 | 149 | Cr ppm: ICP + ICP-MS package | ICP | 1 | 10000 |
| 9210 | 149 | Co ppm: ICP + ICP-MS package | ICP | 0.2 | 10000 |
| 9211 | 149 | Cu ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.2 | 10000 |
| 9212 | 149 | Ga ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.1 | 10000 |
| 9213 | 149 | Ge ppm: ICP + ICP-MS package | ICP-MS | 0.1 | 500 |
| 9214 | 149 | Fe %: ICP + ICP-MS package | ICP | 0.01 | 15.00 |
| 9215 | 149 | La ppm: ICP + ICP-MS package | ICP | 10 | 10000 |
| 9216 | 149 | Pb ppm: ICP + ICP-MS package | ICP | 2 | 10000 |
| 9217 | 149 | Mg %: ICP + ICP-MS package | ICP | 0.01 | 15.00 |
| 9218 | 149 | Mn ppm: ICP + ICP-MS package | ICP | 5 | 10000 |
| 9219 | 149 | Hg ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.01 | 10000 |
| 9220 | 149 | Mo ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.2 | 10000 |
| 9221 | 149 | Ni ppm: ICP + ICP-MS package | ICP | 1 | 10000 |
| 9222 | 149 | P ppm: ICP + ICP-MS package | ICP | 10 | 10000 |
| 9223 | 149 | K %: ICP + ICP-MS package | ICP | 0.01 | 10.00 |
| 9224 | 149 | Sc ppm: ICP + ICP-MS package | ICP | 1 | 10000 |
| 9237 | 149 | Se ppm: ICP + ICP-MS package | ICP-MS | 0.5 | 1000 |
| 9225 | 149 | Ag ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.02 | 100.0 |
| 9226 | 149 | Na %: ICP + ICP-MS package | ICP | 0.01 | 10.00 |
| 9227 | 149 | Sr ppm: ICP + ICP-MS package | ICP | 1 | 10000 |
| 9236 | 149 | S %: ICP + ICP-MS package | ICP | 0.01 | 5.00 |
| 9228 | 149 | Te ppm: ICP + ICP-MS package | ICP-MS | 0.05 | 500 |
| 9229 | 149 | Tl ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.02 | 10000 |
| 9230 | 149 | Ti %: ICP + ICP-MS package | ICP | 0.01 | 10.00 |
| 9231 | 149 | W ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.05 | 10000 |
| 9232 | 149 | U ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.05 | 10000 |
| 9233 | 149 | V ppm: ICP + ICP-MS package | ICP | 1 | 10000 |


*The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him/her and based on an evaluation of all engineering data which is available concerning any proposed project* Statement required by Nevada State Law *NRS 519*

# ALS Chemex

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


To: NEWMONT EXPLORATION LIMITED

10101 DRY CREEK RD.
ENGLEWOOD, COLORADO
80112, USA

A0023000

Comments: ATTN: RICHARD GORTON CC: MIKE STAMMERS

## CERTIFICATE A0023000

(TNFA) - NEWMONT EXPLORATION LIMITED

Project: TAY-LP
P.O. # : 21341

Samples submitted to our lab in Vancouver, BC.
This report was printed on 20-JUL-2000.

## SAMPLE PREPARATION

| CHEMEX CODE | NUMBER SAMPLES | DESCRIPTION |
|---|---|---|
| 201 | 147 | Dry, sieve to -80 mesh |
| 202 | 147 | save reject |
| 214 | 2 | Rcvd as pulp; mesh size checked |

* NOTE 1:

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

## ANALYTICAL PROCEDURES 2 of 2

| CHEMEX CODE | NUMBER SAMPLES | DESCRIPTION | METHOD | DETECTION LIMIT | UPPER LIMIT |
|---|---|---|---|---|---|
| 9234 | 149 | Zn ppm: ICP + ICP-MS package | ICP | 2 | 10000 |


**The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him/her and based on an evaluation of all engineering data which is available concerning any proposed project**

**Statement required by Nevada State Law NRS 519**

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Project : TAY-LP
Comments: ATTN: RICHARD GORTON CC: MIKE STAMMERS

Page Number :1-A
Total Pages :4
Certificate Date: 20-JUL-2000
Invoice No. :I0023000
P.O. Number :21341
Account :TNFA

## CERTIFICATE OF ANALYSIS A0023000

| SAMPLE | PREP CODE | | Au ppb FA+AA | Al % | Sb ppm | As ppm | Ba ppm | Be ppm | Bi ppm | B ppm | Cd ppm | Ca % | Cr ppm | Co ppm | Cu ppm | Ga ppm | Ge ppm | Fe % | La ppm | Pb ppm | Mg % |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3337 | 201 | 202 | < 5 | 1.72 | 1.4 | 123.5 | 150 | 0.50 | 4.64 | < 10 | 0.36 | 2.04 | 24 | 14.6 | 44.0 | 4.7 | < 0.1 | 3.72 | 10 | 32 | 1.57 |
| 3338 | 201 | 202 | < 5 | 0.66 | 2.8 | 244 | 110 | 0.50 | 1.26 | < 10 | 0.92 | 1.71 | 8 | 5.8 | 39.2 | 1.6 | < 0.1 | 2.29 | < 10 | 50 | 0.63 |
| 3339 | 201 | 202 | < 5 | 1.36 | 1.8 | 180.5 | 150 | 0.40 | 2.18 | < 10 | 0.54 | 0.14 | 19 | 13.0 | 25.0 | 4.2 | < 0.1 | 3.28 | 10 | 52 | 0.51 |
| 3340 | 201 | 202 | < 5 | 2.73 | 0.9 | 115.0 | 120 | 0.90 | 5.09 | < 10 | 0.16 | 0.45 | 43 | 23.2 | 32.0 | 7.4 | < 0.1 | 7.11 | 10 | 24 | 1.84 |
| 3341 | 201 | 202 | 30 | 1.64 | 1.6 | 103.0 | 120 | 0.60 | 3.98 | < 10 | 0.20 | 0.69 | 18 | 9.0 | 25.4 | 4.9 | < 0.1 | 3.91 | 30 | 20 | 1.70 |
| 3342 | 201 | 202 | < 5 | 0.78 | 2.6 | 250 | 80 | 0.45 | 1.33 | < 10 | 0.26 | 4.22 | 9 | 6.4 | 19.8 | 2.1 | < 0.1 | 2.36 | < 10 | 18 | 2.25 |
| 3343 | 201 | 202 | < 5 | 1.06 | 3.9 | 303 | 70 | 0.55 | 4.49 | 10 | 0.14 | 0.87 | 12 | 8.0 | 34.6 | 2.6 | < 0.1 | 2.60 | < 10 | 80 | 0.86 |
| 3344 | 201 | 202 | < 5 | 0.28 | 11.5 | 43.4 | 70 | 0.15 | 0.34 | < 10 | 0.14 | 0.01 | 4 | 3.2 | 23.6 | 1.3 | < 0.1 | 1.73 | 10 | 30 | 0.02 |
| 3345 | 201 | 202 | < 5 | 0.71 | 0.5 | 13.0 | 50 | < 0.05 | 0.36 | < 10 | 0.04 | 0.02 | 8 | 2.0 | 13.2 | 4.5 | < 0.1 | 0.97 | 10 | 12 | 0.13 |
| 3346 | 201 | 202 | < 5 | 0.58 | 2.5 | 121.0 | 70 | 0.45 | 0.66 | < 10 | 0.28 | 5.13 | 8 | 8.0 | 17.0 | 1.6 | < 0.1 | 2.16 | < 10 | 26 | 2.81 |
| 3347 | 201 | 202 | < 5 | 0.98 | 1.9 | 122.5 | 160 | 0.35 | 1.04 | < 10 | 3.78 | 0.80 | 15 | 14.2 | 43.6 | 3.7 | < 0.1 | 3.01 | 10 | 72 | 0.54 |
| 3348 | 201 | 202 | < 5 | 0.92 | 0.8 | 37.4 | 80 | 0.30 | 0.36 | < 10 | 0.26 | 0.23 | 8 | 4.6 | 9.4 | 2.7 | < 0.1 | 1.90 | < 10 | 30 | 0.21 |
| 3349 | 201 | 202 | < 5 | 0.89 | 1.5 | 54.2 | 60 | 0.35 | 0.51 | 10 | 0.44 | 3.37 | 10 | 6.8 | 15.6 | 2.2 | < 0.1 | 2.18 | < 10 | 12 | 2.16 |
| 3350 | 201 | 202 | < 5 | 1.26 | 3.6 | 436 | 120 | 0.60 | 4.15 | < 10 | 0.32 | 0.30 | 16 | 9.6 | 26.6 | 3.1 | < 0.1 | 3.60 | 10 | 38 | 0.66 |
| 3386 | 201 | 202 | < 5 | 1.00 | 2.5 | 104.5 | 90 | 0.30 | 1.24 | < 10 | 0.60 | 0.39 | 10 | 8.4 | 19.8 | 3.0 | < 0.1 | 3.10 | < 10 | 32 | 0.36 |
| 3387 | 201 | 202 | < 5 | 0.71 | 0.9 | 21.2 | 120 | 0.30 | 0.68 | < 10 | 0.74 | 1.40 | 6 | 3.4 | 23.4 | 2.2 | < 0.1 | 1.20 | < 10 | 18 | 0.30 |
| 3388 | 201 | 202 | < 5 | 1.44 | 2.1 | 136.5 | 180 | 0.65 | 2.78 | < 10 | 0.86 | 0.47 | 18 | 10.0 | 42.2 | 3.7 | < 0.1 | 3.92 | 10 | 40 | 0.86 |
| 3389 | 201 | 202 | < 5 | 0.72 | 1.6 | 49.4 | 150 | 0.30 | 0.34 | < 10 | 0.96 | 1.26 | 8 | 4.6 | 16.8 | 1.8 | < 0.1 | 1.30 | < 10 | 20 | 0.14 |
| 3390 | 201 | 202 | 5 | 0.69 | 5.2 | 81.4 | 110 | 0.45 | 0.36 | < 10 | 2.16 | 1.33 | 13 | 9.0 | 46.4 | 1.7 | < 0.1 | 3.08 | < 10 | 114 | 0.63 |
| 3391 | 201 | 202 | < 5 | 1.22 | 3.1 | 122.0 | 80 | 0.30 | 4.80 | < 10 | 0.34 | 0.09 | 21 | 10.0 | 24.0 | 4.9 | < 0.1 | 5.14 | < 10 | 48 | 0.79 |
| 3392 | 201 | 202 | 10 | 1.55 | 0.8 | 65.0 | 120 | 0.50 | 1.51 | < 10 | 0.20 | 0.49 | 19 | 7.6 | 16.4 | 4.2 | < 0.1 | 3.28 | 10 | 42 | 0.65 |
| 3393 | 201 | 202 | < 5 | 1.62 | 0.5 | 48.2 | 160 | 0.65 | 1.24 | < 10 | 1.06 | 0.57 | 16 | 9.2 | 26.0 | 4.3 | < 0.1 | 2.73 | 10 | 24 | 0.55 |
| 3394 | 201 | 202 | < 5 | 1.63 | 0.6 | 27.4 | 200 | 0.35 | 0.84 | < 10 | 0.66 | 1.64 | 30 | 6.0 | 25.6 | 3.9 | < 0.1 | 2.24 | 10 | 14 | 0.71 |
| 3395 | 201 | 202 | < 5 | 2.00 | 0.4 | 29.6 | 110 | 0.45 | 1.13 | < 10 | 0.16 | 0.34 | 29 | 8.8 | 12.6 | 6.3 | < 0.1 | 3.22 | 10 | 18 | 0.79 |
| 3396 | 201 | 202 | < 5 | 1.63 | 0.2 | 20.2 | 50 | 0.35 | 1.71 | < 10 | 0.14 | 0.78 | 21 | 10.2 | 19.8 | 4.2 | < 0.1 | 3.15 | 10 | 10 | 0.64 |
| 3397 | 201 | 202 | 10 | 1.24 | 0.1 | 6.4 | 100 | 0.50 | 2.27 | < 10 | 0.52 | 1.08 | 9 | 7.4 | 20.2 | 2.8 | < 0.1 | 1.54 | 10 | 8 | 0.22 |
| 3398 | 201 | 202 | < 5 | 1.96 | 0.3 | 30.0 | 80 | 0.60 | 1.43 | < 10 | 0.12 | 0.42 | 27 | 13.0 | 24.2 | 4.9 | < 0.1 | 3.70 | 10 | 14 | 0.78 |
| 3399 | 201 | 202 | < 5 | 2.17 | 0.1 | 38.8 | 130 | 0.55 | 1.60 | < 10 | 0.12 | 0.80 | 28 | 12.4 | 17.6 | 5.2 | < 0.1 | 4.40 | 10 | 12 | 0.77 |
| 3400 | 214 | -- | 6130 | 1.73 | 632 | 726 | 110 | 1.90 | 1.40 | < 10 | 1.70 | 2.05 | 145 | 15.6 | 148.0 | 7.6 | 0.1 | 2.85 | < 10 | 442 | 0.08 |
| 3401 | 201 | 202 | < 5 | 1.64 | 1.8 | 32.2 | 120 | 0.45 | 0.96 | < 10 | 0.14 | 0.18 | 22 | 11.4 | 24.0 | 3.8 | < 0.1 | 3.11 | 10 | 18 | 0.60 |
| 3402 | 201 | 202 | < 5 | 2.31 | 0.3 | 9.4 | 70 | 0.70 | 0.59 | < 10 | 0.10 | 0.17 | 28 | 9.8 | 16.8 | 5.7 | < 0.1 | 3.32 | < 10 | 12 | 0.70 |
| 3403 | 201 | 202 | < 5 | 2.47 | 0.1 | 4.4 | 90 | 0.95 | 0.32 | < 10 | 0.12 | 0.73 | 32 | 12.8 | 20.2 | 7.0 | < 0.1 | 3.08 | 10 | 8 | 0.62 |
| 3404 | 201 | 202 | < 5 | 1.55 | 0.1 | 6.0 | 50 | 0.35 | 0.62 | < 10 | 0.04 | 0.93 | 15 | 6.6 | 13.8 | 3.7 | < 0.1 | 2.41 | < 10 | 2 | 0.43 |
| 3405 | 201 | 202 | < 5 | 2.10 | 0.1 | 18.4 | 60 | 0.55 | 0.73 | < 10 | 0.08 | 0.34 | 25 | 10.8 | 18.4 | 5.7 | < 0.1 | 3.92 | < 10 | 10 | 0.64 |
| 3406 | 201 | 202 | < 5 | 1.68 | 0.4 | 11.0 | 190 | 0.55 | 0.32 | < 10 | 0.14 | 0.89 | 20 | 4.6 | 15.6 | 4.1 | < 0.1 | 2.11 | 10 | 12 | 0.49 |
| 3407 | 201 | 202 | < 5 | 1.30 | 0.9 | 9.8 | 230 | 0.45 | 0.50 | < 10 | 0.78 | 0.80 | 15 | 6.8 | 21.8 | 3.5 | < 0.1 | 1.92 | 30 | 18 | 0.59 |
| 3408 | 201 | 202 | < 5 | 1.12 | 0.9 | 16.0 | 200 | 0.40 | 0.53 | < 10 | 0.40 | 2.09 | 12 | 6.0 | 15.6 | 2.9 | < 0.1 | 1.91 | 10 | 24 | 0.54 |
| 3409 | 201 | 202 | < 10 | 1.18 | 1.1 | 22.4 | 140 | 0.35 | 0.62 | < 10 | 0.46 | 1.36 | 14 | 5.8 | 15.8 | 3.2 | < 0.1 | 2.24 | 10 | 22 | 0.56 |
| 3410 | 201 | 202 | < 10 | 0.80 | 1.0 | 13.4 | 140 | 0.35 | 0.31 | < 10 | 0.28 | 2.01 | 9 | 3.4 | 20.4 | 2.0 | < 0.1 | 1.37 | < 10 | 10 | 0.31 |
| 3411 | 201 | 202 | < 5 | 1.48 | 0.8 | 31.8 | 140 | 0.55 | 0.95 | < 10 | 0.22 | 0.91 | 14 | 6.0 | 19.0 | 4.2 | < 0.1 | 2.72 | 20 | 32 | 0.71 |

CERTIFICATION: _____

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To: NEWMONT EXPLORATION LIMITED

10101 DRY CREEK RD.
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80112, USA

Project : TAY-LP
Comments: ATTN: RICHARD GORTON CC: MIKE STAMMERS


Certificate Date: 20-JUL-2000
Invoice No. :I0023000
P.O. Number :21341
Account :TNFA

## CERTIFICATE OF ANALYSIS A0023000

| SAMPLE | PREP CODE | | Mn ppm | Hg ppm | Mo ppm | Ni ppm | P ppm | K % | Sc ppm | Se ppm | Ag ppm | Na % | Sr ppm | S % | Te ppm | Tl ppm | Ti % | W ppm | U ppm | V ppm | Zn ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3337 | 201 | 202 | 445 | < 0.01 | 1.8 | 39 | 990 | 0.16 | 3 | < 0.5 | 0.26 | 0.01 | 52 | < 0.01 | 0.05 | 0.16 | 0.05 | 0.60 | 0.95 | 40 | 134 |
| 3338 | 201 | 202 | 575 | 0.05 | 1.6 | 19 | 950 | 0.03 | < 1 | 1.5 | 0.56 | 0.02 | 27 | 0.08 | < 0.05 | 0.04 | 0.01 | 0.25 | 1.80 | 18 | 92 |
| 3339 | 201 | 202 | 1355 | 0.01 | 4.0 | 21 | 750 | 0.06 | < 1 | < 0.5 | 0.10 | < 0.01 | 12 | 0.03 | 0.05 | 0.08 | 0.01 | 0.30 | 1.35 | 39 | 132 |
| 3340 | 201 | 202 | 485 | < 0.01 | 1.2 | 43 | 380 | 0.09 | 4 | < 0.5 | 0.08 | < 0.01 | 15 | 0.03 | < 0.05 | 0.14 | 0.05 | 1.05 | 0.85 | 78 | 126 |
| 3341 | 201 | 202 | 520 | 0.03 | 1.6 | 36 | 1090 | 0.10 | 3 | < 0.5 | 0.30 | < 0.01 | 12 | < 0.01 | 0.05 | 0.16 | 0.07 | 0.65 | 1.55 | 66 | 100 |
| 3342 | 201 | 202 | 730 | 0.03 | 1.2 | 17 | 620 | 0.04 | 1 | 1.0 | 0.34 | 0.01 | 23 | 0.05 | 0.05 | 0.06 | 0.01 | 0.20 | 1.00 | 23 | 52 |
| 3343 | 201 | 202 | 565 | 0.02 | 1.8 | 28 | 710 | 0.04 | 1 | 0.5 | 0.48 | 0.03 | 14 | 0.04 | 0.05 | 0.10 | 0.02 | 0.15 | 1.30 | 22 | 50 |
| 3344 | 201 | 202 | 55 | 0.03 | 12.0 | 30 | 540 | 0.06 | < 1 | 1.5 | 0.46 | < 0.01 | 8 | 0.07 | 0.10 | 0.22 | < 0.01 | 0.25 | 0.60 | 16 | 16 |
| 3345 | 201 | 202 | 25 | < 0.01 | 1.4 | 8 | 360 | 0.02 | < 1 | < 0.5 | 0.06 | < 0.01 | 5 | 0.01 | < 0.05 | 0.08 | 0.01 | 0.05 | 0.45 | 23 | 28 |
| 3346 | 201 | 202 | 520 | 0.03 | 1.4 | 18 | 790 | 0.02 | 1 | < 0.5 | 0.22 | 0.01 | 28 | 0.04 | < 0.05 | 0.02 | 0.01 | 0.20 | 0.80 | 19 | 56 |
| 3347 | 201 | 202 | 865 | 0.05 | 3.2 | 29 | 970 | 0.03 | 1 | 1.0 | 0.34 | 0.01 | 16 | 0.04 | 0.05 | 0.02 | 0.01 | 0.30 | 1.50 | 35 | 254 |
| 3348 | 201 | 202 | 575 | 0.01 | 1.0 | 9 | 270 | 0.03 | < 1 | < 0.5 | 0.16 | 0.03 | 10 | 0.01 | < 0.05 | 0.02 | 0.03 | 0.15 | 0.45 | 24 | 48 |
| 3349 | 201 | 202 | 605 | 0.04 | 1.4 | 18 | 410 | 0.04 | 1 | 0.5 | 0.24 | 0.02 | 21 | 0.01 | < 0.05 | 0.06 | 0.03 | 0.30 | 0.65 | 24 | 52 |
| 3350 | 201 | 202 | 460 | 0.01 | 2.4 | 31 | 450 | 0.09 | 2 | 0.5 | 0.20 | < 0.01 | 9 | 0.01 | 0.05 | 0.10 | 0.01 | 0.35 | 0.70 | 33 | 80 |
| 3386 | 201 | 202 | 755 | 0.02 | 1.4 | 20 | 930 | 0.04 | 1 | 0.5 | 0.12 | 0.01 | 15 | 0.05 | < 0.05 | 0.06 | 0.01 | 0.35 | 0.90 | 26 | 116 |
| 3387 | 201 | 202 | 85 | 0.05 | 1.0 | 14 | 900 | 0.03 | < 1 | 2.0 | 0.66 | 0.03 | 30 | 0.08 | < 0.05 | 0.04 | 0.01 | 0.15 | 0.80 | 17 | 56 |
| 3388 | 201 | 202 | 390 | 0.06 | 2.8 | 48 | 800 | 0.10 | 3 | 1.0 | 0.24 | < 0.01 | 17 | 0.04 | 0.05 | 0.10 | 0.02 | 0.45 | 6.05 | 48 | 176 |
| 3389 | 201 | 202 | 265 | 0.05 | 2.4 | 19 | 840 | 0.02 | < 1 | 1.5 | 0.34 | 0.02 | 32 | 0.09 | < 0.05 | 0.08 | < 0.01 | 0.15 | 3.80 | 32 | 122 |
| 3390 | 201 | 202 | 435 | 0.08 | 9.4 | 61 | 650 | 0.03 | 2 | 1.0 | 1.42 | 0.01 | 19 | 0.04 | 0.05 | 0.08 | 0.01 | 0.45 | 1.00 | 35 | 218 |
| 3391 | 201 | 202 | 370 | 0.01 | 3.0 | 42 | 850 | 0.06 | 1 | 0.5 | 0.14 | < 0.01 | 7 | 0.01 | 0.25 | 0.06 | 0.05 | 0.70 | 0.75 | 57 | 146 |
| 3392 | 201 | 202 | 240 | 0.03 | 2.0 | 24 | 530 | 0.06 | 1 | < 0.5 | 0.18 | < 0.01 | 28 | 0.01 | < 0.05 | 0.08 | 0.02 | 0.40 | 1.00 | 32 | 118 |
| 3393 | 201 | 202 | 520 | 0.03 | 1.6 | 22 | 1320 | 0.06 | 1 | 0.5 | 0.48 | 0.01 | 33 | 0.07 | 0.05 | 0.06 | 0.02 | 0.20 | 1.75 | 29 | 128 |
| 3394 | 201 | 202 | 155 | 0.03 | 1.6 | 23 | 770 | 0.14 | 1 | 3.5 | 0.36 | 0.03 | 48 | 0.16 | < 0.05 | 0.08 | 0.03 | 0.25 | 3.25 | 21 | 134 |
| 3395 | 201 | 202 | 285 | 0.02 | 1.8 | 26 | 380 | 0.09 | 2 | < 0.5 | 0.18 | < 0.01 | 31 | 0.01 | < 0.05 | 0.10 | 0.03 | 2.00 | 0.80 | 37 | 98 |
| 3396 | 201 | 202 | 270 | 0.01 | 1.0 | 27 | 460 | 0.07 | 1 | 0.5 | 0.10 | 0.01 | 60 | 0.04 | < 0.05 | 0.06 | 0.02 | 0.25 | 1.90 | 20 | 92 |
| 3397 | 201 | 202 | 1060 | 0.07 | 0.6 | 14 | 920 | 0.03 | < 1 | 0.5 | 0.18 | 0.03 | 78 | 0.09 | < 0.05 | 0.06 | 0.01 | 0.15 | 4.45 | 13 | 34 |
| 3398 | 201 | 202 | 405 | 0.05 | 1.6 | 35 | 850 | 0.07 | 3 | < 0.5 | 0.24 | < 0.01 | 41 | 0.03 | < 0.05 | 0.06 | 0.02 | 0.30 | 3.15 | 26 | 94 |
| 3399 | 201 | 202 | 500 | 0.05 | 1.6 | 25 | 960 | 0.06 | 2 | 0.5 | 0.24 | 0.02 | 59 | 0.08 | < 0.05 | 0.10 | 0.02 | 0.25 | 3.90 | 29 | 114 |
| 3400 | 214 | -- | 25 | 0.59 | 17.8 | 109 | 9420 | 0.35 | 3 | 5.5 | 0.66 | 0.02 | 421 | 0.44 | 0.25 | 7.42 | 0.01 | 47.8 | 12.00 | 651 | 212 |
| 3401 | 201 | 202 | 420 | 0.04 | 1.8 | 33 | 690 | 0.06 | 2 | < 0.5 | 0.10 | 0.01 | 16 | 0.01 | < 0.05 | 0.10 | 0.03 | 0.70 | 1.00 | 25 | 72 |
| 3402 | 201 | 202 | 215 | 0.03 | 1.4 | 34 | 300 | 0.17 | 1 | < 0.5 | 0.14 | 0.01 | 31 | 0.02 | < 0.05 | 0.12 | 0.06 | 0.20 | 0.85 | 30 | 64 |
| 3403 | 201 | 202 | 690 | 0.02 | 0.4 | 30 | 490 | 0.13 | 1 | < 0.5 | 0.14 | 0.03 | 69 | 0.03 | < 0.05 | 0.10 | 0.07 | 0.20 | 1.05 | 31 | 84 |
| 3404 | 201 | 202 | 245 | 0.03 | 0.2 | 21 | 320 | 0.04 | 1 | < 0.5 | 0.10 | 0.02 | 66 | 0.03 | 0.05 | 0.06 | 0.02 | 0.15 | 0.75 | 18 | 44 |
| 3405 | 201 | 202 | 625 | 0.02 | 0.4 | 32 | 410 | 0.03 | 1 | < 0.5 | 0.06 | 0.01 | 36 | 0.02 | 0.05 | 0.04 | 0.01 | 0.15 | 0.95 | 25 | 68 |
| 3406 | 201 | 202 | 165 | 0.03 | 1.0 | 21 | 800 | 0.10 | 1 | 2.0 | 0.22 | 0.01 | 42 | 0.07 | < 0.05 | 0.10 | 0.03 | 0.30 | 2.45 | 25 | 86 |
| 3407 | 201 | 202 | 130 | 0.02 | 1.4 | 24 | 1020 | 0.08 | 2 | 7.5 | 0.26 | 0.01 | 45 | 0.10 | < 0.05 | 0.08 | 0.02 | 0.35 | 2.20 | 24 | 152 |
| 3408 | 201 | 202 | 545 | 0.05 | 1.2 | 17 | 1020 | 0.07 | < 1 | 1.5 | 0.28 | 0.02 | 97 | 0.10 | 0.05 | 0.08 | 0.01 | 0.15 | 2.55 | 18 | 150 |
| 3409 | 201 | 202 | 380 | 0.07 | 1.6 | 17 | 1080 | 0.10 | 1 | 0.5 | 0.32 | 0.02 | 64 | 0.08 | 0.05 | 0.08 | 0.01 | 0.25 | 1.30 | 21 | 158 |
| 3410 | 201 | 202 | 185 | 0.07 | 1.2 | 15 | 1050 | 0.05 | < 1 | 1.5 | 0.22 | 0.02 | 86 | 0.12 | 0.05 | 0.06 | 0.01 | 0.15 | 1.90 | 14 | 76 |
| 3411 | 201 | 202 | 335 | 0.03 | 1.8 | 22 | 730 | 0.09 | 1 | < 0.5 | 0.18 | 0.01 | 41 | 0.04 | 0.10 | 0.06 | 0.01 | 0.25 | 2.10 | 26 | 154 |

CERTIFICATION: _____

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Analytical Chemists • Geochemists • Registered Assayers
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To: NEWMONT EXPLORATION LIMITED

10101 DRY CREEK RD.
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80112, USA

Project : TAY-LP
Comments: ATTN: RICHARD GORTON CC: MIKE STAMMERS

Page Number :2-A
Total Pages :4
Certificate Date: 20-JUL-2000
Invoice No. :I0023000
P.O. Number :21341
Account :TNFA

## CERTIFICATE OF ANALYSIS A0023000

| SAMPLE | PREP CODE | | Au ppb FA+AA | Al % | Sb ppm | As ppm | Ba ppm | Be ppm | Bi ppm | B ppm | Cd ppm | Ca % | Cr ppm | Co ppm | Cu ppm | Ga ppm | Ge ppm | Fe % | La ppm | Pb ppm | Mg % |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3412 | 201 | 202 | < 5 | 1.41 | 0.9 | 35.6 | 140 | 0.60 | 0.84 | < 10 | 0.42 | 1.10 | 14 | 6.6 | 19.2 | 3.7 | < 0.1 | 2.52 | 10 | 36 | 0.60 |
| 3413 | 201 | 202 | < 5 | 1.64 | 0.5 | 25.4 | 100 | 0.35 | 0.57 | < 10 | 0.34 | 0.06 | 21 | 5.6 | 14.6 | 5.8 | < 0.1 | 3.10 | 10 | 26 | 0.46 |
| 3414 | 201 | 202 | < 5 | 2.09 | 0.6 | 43.8 | 120 | 0.75 | 0.94 | < 10 | 0.40 | 0.23 | 25 | 11.4 | 16.6 | 5.5 | < 0.1 | 3.73 | 10 | 32 | 0.71 |
| 3415 | 201 | 202 | < 5 | 0.75 | 0.4 | 5.6 | 80 | 0.10 | 0.16 | < 10 | 0.60 | 0.81 | 6 | 4.2 | 14.6 | 2.1 | < 0.1 | 1.40 | < 10 | 8 | 0.34 |
| 3416 | 201 | 202 | < 5 | 0.94 | 0.7 | 10.8 | 80 | 0.35 | 0.25 | < 10 | 0.16 | 0.37 | 12 | 5.6 | 11.6 | 2.0 | < 0.1 | 2.38 | 10 | 16 | 0.34 |
| 3417 | 201 | 202 | < 5 | 0.98 | 0.7 | 13.2 | 90 | 0.25 | 0.43 | < 10 | 0.26 | 0.91 | 12 | 6.6 | 18.8 | 2.7 | < 0.1 | 2.11 | < 10 | 10 | 0.48 |
| 3418 | 201 | 202 | < 5 | 0.75 | 0.8 | 6.6 | 90 | 0.40 | 0.26 | < 10 | 0.22 | 1.82 | 5 | 4.0 | 33.0 | 1.6 | < 0.1 | 1.17 | 10 | 2 | 0.22 |
| 3419 | 201 | 202 | < 5 | 1.47 | 0.5 | 14.0 | 90 | 0.25 | 0.63 | < 10 | 0.32 | 0.68 | 16 | 11.2 | 30.0 | 3.5 | < 0.1 | 2.96 | 10 | 10 | 0.77 |
| 3420 | 201 | 202 | < 5 | 2.41 | 0.4 | 21.8 | 120 | 0.55 | 1.04 | < 10 | 0.12 | 0.83 | 31 | 15.2 | 31.0 | 5.7 | < 0.1 | 4.06 | 10 | 12 | 1.19 |
| 3421 | 201 | 202 | < 5 | 1.54 | 1.3 | 36.2 | 220 | 0.70 | 0.92 | < 10 | 0.48 | 1.53 | 15 | 6.4 | 22.2 | 4.6 | < 0.1 | 2.97 | 30 | 40 | 0.71 |
| 3422 | 201 | 202 | < 5 | 0.74 | 0.5 | 15.8 | 140 | 0.40 | 0.39 | < 10 | 0.36 | 0.66 | 8 | 3.4 | 14.6 | 2.5 | < 0.1 | 1.56 | 20 | 22 | 0.33 |
| 3423 | 201 | 202 | < 5 | 1.04 | 0.9 | 31.8 | 160 | 0.60 | 0.55 | < 10 | 0.38 | 1.02 | 11 | 3.6 | 15.6 | 3.4 | < 0.1 | 2.24 | 50 | 38 | 0.54 |
| 3424 | 201 | 202 | < 5 | 0.81 | 1.2 | 24.2 | 100 | 0.75 | 0.49 | < 10 | 0.82 | 0.44 | 8 | 7.0 | 16.6 | 2.7 | < 0.1 | 3.75 | 50 | 34 | 0.39 |
| 3425 | 201 | 202 | < 5 | 1.03 | 1.5 | 29.8 | 100 | 0.55 | 0.61 | < 10 | 0.82 | 0.24 | 13 | 5.8 | 21.4 | 3.3 | < 0.1 | 2.84 | 40 | 48 | 0.48 |
| 3426 | 201 | 202 | < 5 | 0.71 | 0.4 | 9.6 | 70 | 0.20 | 0.40 | < 10 | 0.98 | 0.07 | 5 | 1.4 | 5.6 | 3.6 | < 0.1 | 1.42 | 30 | 26 | 0.08 |
| 3427 | 201 | 202 | < 5 | 0.56 | 0.8 | 15.4 | 120 | 0.95 | 0.33 | < 10 | 0.68 | 0.11 | 4 | 1.4 | 9.8 | 2.2 | < 0.1 | 3.42 | 90 | 40 | 0.11 |
| 3428 | 201 | 202 | < 5 | 0.62 | 0.4 | 4.0 | 110 | 0.35 | 0.21 | < 10 | 0.22 | 0.01 | 2 | 1.0 | 5.6 | 2.3 | < 0.1 | 2.72 | 90 | 16 | 0.02 |
| 3501 | 201 | 202 | 5 | 0.83 | 2.5 | 196.0 | 110 | 0.45 | 1.84 | < 10 | 0.26 | 3.05 | 10 | 6.2 | 15.8 | 2.0 | < 0.1 | 2.47 | 10 | 20 | 1.85 |
| 3502 | 201 | 202 | < 5 | 1.38 | 2.0 | 297 | 160 | 0.55 | 3.35 | < 10 | 0.58 | 0.90 | 18 | 9.6 | 29.2 | 3.6 | < 0.1 | 3.03 | 10 | 30 | 0.96 |
| 3503 | 201 | 202 | < 5 | 1.96 | 0.6 | 71.6 | 90 | 0.50 | 1.48 | < 10 | 0.30 | 0.12 | 28 | 11.6 | 21.4 | 5.7 | < 0.1 | 3.74 | 10 | 32 | 0.76 |
| 3504 | 201 | 202 | < 5 | 1.82 | 0.7 | 87.6 | 50 | 0.45 | 1.74 | < 10 | 0.38 | 0.14 | 23 | 11.8 | 17.4 | 4.3 | < 0.1 | 3.80 | 10 | 34 | 0.67 |
| 3505 | 201 | 202 | < 5 | 1.84 | 0.7 | 56.4 | 110 | 0.25 | 1.43 | < 10 | 0.22 | 0.07 | 26 | 8.8 | 25.0 | 5.7 | < 0.1 | 4.15 | 20 | 30 | 0.80 |
| 3506 | 201 | 202 | 5 | 1.69 | 0.7 | 49.4 | 110 | 0.45 | 1.13 | < 10 | 0.16 | 0.24 | 24 | 8.8 | 27.2 | 4.4 | < 0.1 | 3.29 | 30 | 32 | 0.87 |
| 3507 | 201 | 202 | 10 | 1.78 | 0.4 | 19.0 | 110 | 0.60 | 0.65 | < 10 | 0.16 | 0.16 | 30 | 6.2 | 16.6 | 5.1 | < 0.1 | 2.67 | 30 | 18 | 0.78 |
| 3508 | 201 | 202 | < 5 | 2.48 | 0.6 | 66.6 | 160 | 1.05 | 2.40 | < 10 | 0.48 | 0.19 | 32 | 13.2 | 17.6 | 6.7 | < 0.1 | 4.46 | 10 | 48 | 0.86 |
| 3509 | 201 | 202 | < 5 | 1.43 | 0.5 | 47.8 | 60 | 0.30 | 1.49 | < 10 | 0.22 | 0.11 | 19 | 6.2 | 12.2 | 4.3 | < 0.1 | 2.78 | 10 | 20 | 0.55 |
| 3510 | 201 | 202 | < 5 | 2.01 | 0.6 | 90.4 | 60 | 0.65 | 3.52 | 10 | 0.38 | 0.18 | 21 | 13.4 | 19.2 | 4.0 | < 0.1 | 3.82 | 10 | 34 | 0.63 |
| 3511 | 201 | 202 | 10 | 1.85 | 0.6 | 59.4 | 100 | 0.65 | 1.39 | < 10 | 0.18 | 0.15 | 25 | 11.0 | 29.4 | 4.6 | < 0.1 | 3.44 | 30 | 32 | 0.79 |
| 3512 | 201 | 202 | < 5 | 1.84 | 0.4 | 57.0 | 80 | 0.40 | 1.47 | < 10 | 0.52 | 0.10 | 27 | 8.0 | 13.4 | 5.2 | < 0.1 | 3.69 | 10 | 20 | 0.75 |
| 3513 | 201 | 202 | < 5 | 1.85 | 0.6 | 65.8 | 80 | 0.60 | 1.46 | < 10 | 0.18 | 0.20 | 25 | 10.4 | 39.0 | 4.4 | < 0.1 | 3.56 | 20 | 26 | 0.82 |
| 3514 | 201 | 202 | < 5 | 1.30 | 0.5 | 86.8 | 110 | 0.15 | 1.56 | < 10 | 1.06 | 0.07 | 18 | 6.8 | 11.6 | 4.5 | < 0.1 | 3.24 | 10 | 28 | 0.50 |
| 3515 | 201 | 202 | < 5 | 1.56 | 0.4 | 48.6 | 60 | 0.30 | 1.41 | < 10 | 0.38 | 0.42 | 23 | 9.8 | 14.6 | 4.4 | < 0.1 | 3.14 | 10 | 20 | 0.72 |
| 3516 | 201 | 202 | 10 | 2.01 | 0.7 | 65.8 | 90 | 0.70 | 1.71 | < 10 | 0.30 | 0.19 | 26 | 12.4 | 31.0 | 4.9 | < 0.1 | 3.73 | 10 | 30 | 0.85 |
| 3517 | 201 | 202 | < 5 | 2.01 | 0.4 | 27.4 | 130 | 0.80 | 0.82 | < 10 | 0.14 | 0.33 | 32 | 8.2 | 21.6 | 5.4 | < 0.1 | 3.20 | 30 | 14 | 0.91 |
| 3518 | 201 | 202 | < 5 | 1.83 | 0.9 | 72.2 | 80 | 0.65 | 1.60 | < 10 | 0.46 | 0.19 | 25 | 14.4 | 29.6 | 4.6 | < 0.1 | 3.80 | 20 | 40 | 0.85 |
| 3519 | 201 | 202 | 10 | 2.45 | 0.9 | 50.8 | 140 | 0.75 | 1.21 | < 10 | 0.36 | 0.17 | 35 | 15.0 | 32.4 | 6.4 | < 0.1 | 4.15 | 30 | 34 | 1.02 |
| 3520 | 201 | 202 | < 5 | 2.41 | 0.7 | 51.8 | 130 | 0.80 | 1.43 | < 10 | 0.24 | 0.13 | 31 | 15.0 | 41.4 | 6.0 | < 0.1 | 4.22 | 20 | 26 | 0.89 |
| 3521 | 201 | 202 | < 5 | 1.63 | 0.5 | 33.2 | 100 | 0.45 | 0.78 | < 10 | 0.34 | 0.05 | 25 | 7.2 | 17.4 | 6.7 | < 0.1 | 3.29 | 10 | 16 | 0.46 |
| 3522 | 201 | 202 | < 5 | 0.91 | 0.3 | 32.6 | 60 | 0.25 | 2.52 | < 10 | 0.52 | 0.04 | 13 | 4.8 | 9.4 | 4.9 | < 0.1 | 2.36 | < 10 | 10 | 0.30 |
| 3523 | 201 | 202 | < 5 | 1.69 | 0.5 | 31.4 | 110 | 0.55 | 0.86 | < 10 | 0.16 | 0.23 | 24 | 6.4 | 19.0 | 5.0 | < 0.1 | 2.84 | 30 | 20 | 0.85 |

CERTIFICATION: _____

# ALS Chemex

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


To: NEWMONT EXPLORATION LIMITED

10101 DRY CREEK RD.
ENGLEWOOD, COLORADO
80112, USA

Project : TAY-LP
Comments: ATTN: RICHARD GORTON CC: MIKE STAMMERS


Certificate Date: 20-JUL-2000
Invoice No. :I0023000
P.O. Number :21341
Account :TNFA

## CERTIFICATE OF ANALYSIS A0023000

| SAMPLE | PREP CODE | Mn ppm | Hg ppm | Mo ppm | Ni ppm | P ppm | K % | Sc ppm | Se ppm | Ag ppm | Na % | Sr ppm | S % | Te ppm | Tl ppm | Ti % | W ppm | U ppm | V ppm | Zn ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3412 | 201 202 | 320 | 0.04 | 1.8 | 23 | 750 | 0.08 | 1 | 0.5 | 0.26 | 0.02 | 55 | 0.05 | 0.05 | 0.06 | 0.01 | 0.35 | 3.65 | 24 | 152 |
| 3413 | 201 202 | 270 | 0.01 | 2.2 | 17 | 330 | 0.05 | 1 | < 0.5 | 0.12 | < 0.01 | 8 | < 0.01 | < 0.05 | 0.08 | 0.02 | 0.45 | 0.65 | 38 | 74 |
| 3414 | 201 202 | 510 | 0.01 | 2.4 | 31 | 500 | 0.07 | 2 | < 0.5 | 0.12 | < 0.01 | 14 | 0.01 | < 0.05 | 0.08 | 0.03 | 2.20 | 1.30 | 34 | 120 |
| 3415 | 201 202 | 220 | 0.02 | 1.2 | 13 | 700 | 0.03 | < 1 | 0.5 | 0.12 | 0.03 | 22 | 0.04 | < 0.05 | 0.02 | 0.02 | 0.15 | 1.10 | 22 | 90 |
| 3416 | 201 202 | 365 | 0.02 | 1.6 | 20 | 500 | 0.03 | 2 | 0.5 | 0.20 | < 0.01 | 10 | 0.01 | < 0.05 | 0.02 | 0.01 | 0.25 | 0.55 | 13 | 44 |
| 3417 | 201 202 | 225 | 0.01 | 2.8 | 24 | 800 | 0.04 | 1 | 0.5 | 0.16 | 0.01 | 21 | 0.03 | < 0.05 | 0.04 | 0.01 | 0.30 | 0.80 | 24 | 72 |
| 3418 | 201 202 | 260 | 0.08 | 1.6 | 20 | 770 | 0.03 | < 1 | 1.5 | 0.30 | 0.02 | 53 | 0.08 | < 0.05 | 0.02 | 0.01 | 0.15 | 2.00 | 14 | 48 |
| 3419 | 201 202 | 340 | 0.04 | 2.2 | 34 | 880 | 0.08 | 1 | 1.0 | 0.16 | 0.02 | 31 | 0.05 | < 0.05 | 0.06 | 0.02 | 0.25 | 1.40 | 25 | 86 |
| 3420 | 201 202 | 260 | < 0.01 | 2.0 | 49 | 940 | 0.18 | 3 | 1.0 | 0.16 | 0.03 | 62 | 0.04 | < 0.05 | 0.12 | 0.04 | 0.50 | 1.30 | 41 | 92 |
| 3421 | 201 202 | 615 | 0.07 | 3.2 | 24 | 910 | 0.16 | 1 | 2.0 | 0.32 | 0.01 | 53 | 0.08 | 0.10 | 0.12 | 0.01 | 0.30 | 1.95 | 27 | 174 |
| 3422 | 201 202 | 300 | 0.04 | 3.8 | 11 | 820 | 0.11 | < 1 | 1.0 | 0.26 | 0.02 | 26 | 0.06 | 0.05 | 0.02 | 0.01 | 0.15 | 0.80 | 16 | 78 |
| 3423 | 201 202 | 320 | 0.03 | 3.0 | 17 | 770 | 0.11 | 1 | 1.5 | 0.26 | 0.01 | 35 | 0.04 | 0.10 | 0.06 | 0.01 | 0.20 | 2.35 | 22 | 138 |
| 3424 | 201 202 | 835 | 0.05 | 5.4 | 19 | 1100 | 0.12 | 1 | 1.0 | 0.26 | < 0.01 | 24 | 0.04 | 0.05 | 0.06 | 0.01 | 0.25 | 1.60 | 20 | 206 |
| 3425 | 201 202 | 305 | 0.03 | 3.6 | 25 | 890 | 0.08 | 1 | 0.5 | 0.22 | < 0.01 | 26 | 0.01 | 0.05 | 0.08 | 0.01 | 0.30 | 1.25 | 25 | 184 |
| 3426 | 201 202 | 130 | 0.01 | 2.8 | 6 | 540 | 0.06 | < 1 | < 0.5 | 0.30 | < 0.01 | 9 | 0.01 | < 0.05 | 0.08 | 0.01 | 0.20 | 0.85 | 17 | 92 |
| 3427 | 201 202 | 595 | 0.02 | 9.4 | 6 | 380 | 0.11 | < 1 | 0.5 | 0.18 | < 0.01 | 10 | 0.01 | < 0.05 | 0.06 | < 0.01 | 0.25 | 1.35 | 13 | 148 |
| 3428 | 201 202 | 725 | 0.01 | 8.8 | 1 | 200 | 0.05 | < 1 | < 0.5 | 0.20 | < 0.01 | 4 | < 0.01 | < 0.05 | 0.04 | < 0.01 | 0 25 | 0.65 | 10 | 60 |
| 3501 | 201 202 | 805 | 0.04 | 1.0 | 18 | 620 | 0.04 | 1 | 0.5 | 0.22 | 0.02 | 19 | 0.03 | < 0.05 | 0.08 | 0.01 | 0.30 | 0.75 | 28 | 58 |
| 3502 | 201 202 | 710 | 0.03 | 1.4 | 26 | 450 | 0.08 | 1 | < 0.5 | 0.14 | 0.01 | 18 | 0.02 | 0.05 | 0.08 | 0.01 | 0.35 | 0.80 | 36 | 124 |
| 3503 | 201 202 | 485 | 0.01 | 1.8 | 31 | 560 | 0.09 | 1 | < 0.5 | 0.12 | < 0.01 | 11 | 0.01 | 0.05 | 0.12 | 0.04 | 0.60 | 0.90 | 34 | 98 |
| 3504 | 201 202 | 480 | < 0.01 | 2.0 | 29 | 1010 | 0.07 | 1 | < 0.5 | 0.08 | < 0.01 | 10 | < 0.01 | 0.05 | 0.08 | 0.03 | 0.75 | 0.85 | 27 | 110 |
| 3505 | 201 202 | 395 | 0.02 | 2.6 | 32 | 350 | 0.08 | 1 | < 0.5 | 0.10 | < 0.01 | 12 | 0.01 | < 0.05 | 0.08 | 0.03 | 0.45 | 0.85 | 37 | 106 |
| 3506 | 201 202 | 305 | 0.02 | 2.0 | 32 | 710 | 0.06 | 3 | < 0.5 | 0.10 | < 0.01 | 16 | < 0.01 | 0.05 | 0.08 | 0.03 | 0.45 | 0.95 | 29 | 114 |
| 3507 | 201 202 | 265 | 0.01 | 1.0 | 24 | 380 | 0.10 | 3 | < 0.5 | 0.08 | < 0.01 | 14 | < 0.01 | < 0.05 | 0.10 | 0.05 | 0.45 | 1.05 | 31 | 90 |
| 3508 | 201 202 | 680 | 0.02 | 2.0 | 36 | 350 | 0.12 | 3 | < 0.5 | 0.18 | < 0.01 | 18 | 0.01 | 0.05 | 0.14 | 0.04 | 0.85 | 0.95 | 42 | 116 |
| 3509 | 201 202 | 285 | 0.03 | 1.6 | 18 | 750 | 0.05 | < 1 | < 0.5 | 0.12 | < 0.01 | 8 | 0.01 | < 0.05 | 0.08 | 0.01 | 1.25 | 0.70 | 24 | 72 |
| 3510 | 201 202 | 300 | 0.02 | 1.8 | 33 | 900 | 0.05 | 1 | < 0.5 | 0.16 | < 0.01 | 16 | 0.01 | 0.05 | 0.08 | 0.02 | 1.80 | 0.90 | 25 | 106 |
| 3511 | 201 202 | 295 | 0.04 | 1.8 | 36 | 500 | 0.06 | 3 | < 0.5 | 0.16 | < 0.01 | 13 | < 0.01 | 0.05 | 0.10 | 0.03 | 0.60 | 1.10 | 29 | 96 |
| 3512 | 201 202 | 395 | 0.03 | 2.0 | 24 | 530 | 0.09 | < 1 | < 0.5 | 0.34 | < 0.01 | 10 | 0.03 | 0.05 | 0.08 | 0.01 | 0.60 | 0.60 | 33 | 184 |
| 3513 | 201 202 | 245 | 0.03 | 1.6 | 43 | 730 | 0.06 | 3 | < 0.5 | 0.16 | < 0.01 | 14 | < 0.01 | < 0.05 | 0.10 | 0.03 | 0.50 | 0.95 | 28 | 92 |
| 3514 | 201 202 | 440 | 0.01 | 2.0 | 18 | 500 | 0.04 | < 1 | < 0.5 | 0.24 | < 0.01 | 9 | 0.01 | < 0.05 | 0.06 | 0.01 | 1.75 | 0.60 | 30 | 124 |
| 3515 | 201 202 | 320 | 0.01 | 1.4 | 25 | 830 | 0.09 | 2 | 0.5 | 0.08 | 0.01 | 32 | 0.01 | < 0.05 | 0.06 | 0.03 | 0.40 | 1.65 | 27 | 124 |
| 3516 | 201 202 | 320 | 0.03 | 1.8 | 40 | 740 | 0.06 | 3 | < 0.5 | 0.18 | < 0.01 | 15 | < 0.01 | < 0.05 | 0.12 | 0.03 | 0.65 | 1.10 | 30 | 106 |
| 3517 | 201 202 | 285 | 0.01 | 1.2 | 31 | 680 | 0.09 | 3 | < 0.5 | 0.12 | < 0.01 | 24 | < 0.01 | < 0.05 | 0.10 | 0.05 | 0.45 | 1.15 | 32 | 96 |
| 3518 | 201 202 | 475 | 0.01 | 2.2 | 39 | 860 | 0.05 | 2 | < 0.5 | 0.38 | < 0.01 | 11 | < 0.01 | 0.05 | 0.10 | 0.02 | 0.90 | 1.05 | 30 | 118 |
| 3519 | 201 202 | 490 | 0.02 | 2.4 | 47 | 700 | 0.12 | 3 | < 0.5 | 0.22 | < 0.01 | 13 | 0.01 | 0.05 | 0.14 | 0.04 | 1.10 | 1.25 | 37 | 124 |
| 3520 | 201 202 | 390 | 0.03 | 2.4 | 46 | 500 | 0.07 | 3 | < 0.5 | 0.08 | < 0.01 | 12 | < 0.01 | 0.05 | 0.12 | 0.03 | 0.45 | 1.30 | 34 | 96 |
| 3521 | 201 202 | 445 | 0.04 | 2.0 | 20 | 480 | 0.09 | < 1 | 0.5 | 0.14 | 0.01 | 8 | 0.05 | < 0.05 | 0.12 | 0.03 | 0.40 | 0.90 | 36 | 76 |
| 3522 | 201 202 | 245 | 0.02 | 1.4 | 12 | 270 | 0.05 | < 1 | < 0.5 | 0.10 | 0.01 | 8 | 0.01 | < 0.05 | 0.04 | 0.04 | 0.35 | 0.40 | 30 | 58 |
| 3523 | 201 202 | 260 | 0.01 | 1.4 | 24 | 600 | 0.06 | 2 | < 0.5 | 0.12 | < 0.01 | 18 | < 0.01 | < 0.05 | 0.08 | 0.03 | 0.40 | 0.95 | 28 | 94 |

CERTIFICATION:

# ALS Chemex

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


To: NEWMONT EXPLORATION LIMITED

10101 DRY CREEK RD.
ENGLEWOOD, COLORADO
80112, USA

Project : TAY-LP
Comments: ATTN: RICHARD GORTON CC: MIKE STAMMERS

Page Number :3-A
Total Pages :4
Certificate Date: 20-JUL-2000
Invoice No. :I0023000
P.O. Number :21341
Account :TNFA

## CERTIFICATE OF ANALYSIS A0023000

| SAMPLE | PREP CODE | | Au ppb FA+AA | Al % | Sb ppm | As ppm | Ba ppm | Be ppm | Bi ppm | B ppm | Cd ppm | Ca % | Cr ppm | Co ppm | Cu ppm | Ga ppm | Ge ppm | Fe % | La ppm | Pb ppm | Mg % |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3524 | 201 | 202 | < 5 | 1.91 | 0.7 | 47.4 | 110 | 0.75 | 1.09 | < 10 | 0.24 | 0.17 | 26 | 8.4 | 24.0 | 5.6 | < 0.1 | 3.24 | 20 | 22 | 0.77 |
| 3525 | 201 | 202 | 15 | 1.27 | 0.9 | 34.6 | 120 | 0.40 | 0.71 | < 10 | 0.42 | 0.61 | 17 | 7.4 | 16.0 | 3.8 | < 0.1 | 2.75 | 30 | 26 | 0.60 |
| 3526 | 201 | 202 | 5 | 1.11 | 1.8 | 46.2 | 90 | 0.55 | 0.71 | < 10 | 0.78 | 0.43 | 14 | 7.4 | 23.4 | 3.3 | < 0.1 | 2.96 | 40 | 36 | 0.54 |
| 3527 | 201 | 202 | < 5 | 0.59 | 2.4 | 26.0 | 50 | 0.25 | 0.50 | < 10 | 0.42 | 0.13 | 8 | 3.4 | 16.4 | 2.6 | < 0.1 | 2.21 | 20 | 24 | 0.26 |
| 3528 | 201 | 202 | < 5 | 0.91 | 0.7 | 21.6 | 90 | 0.55 | 0.70 | < 10 | 1.06 | 0.03 | 7 | 3.2 | 7.4 | 7.1 | < 0.1 | 3.35 | 30 | 28 | 0.29 |
| 3529 | 201 | 202 | < 5 | 0.93 | 0.3 | 13.8 | 50 | 0.50 | 0.47 | < 10 | 0.20 | 0.03 | 7 | 2.4 | 6.0 | 4.2 | < 0.1 | 1.85 | 10 | 12 | 0.43 |
| 3530 | 201 | 202 | < 5 | 0.97 | 0.7 | 23.6 | 110 | 0.65 | 0.47 | < 10 | 1.32 | 0.14 | 7 | 1.6 | 7.6 | 4.4 | 0.1 | 2.28 | 140 | 110 | 0.26 |
| 3531 | 201 | 202 | < 5 | 0.73 | 0.4 | 19.4 | 60 | 0.35 | 0.39 | < 10 | 0.58 | 0.02 | 6 | 2.0 | 6.0 | 4.1 | < 0.1 | 2.90 | 20 | 30 | 0.08 |
| 3532 | 201 | 202 | < 5 | 1.08 | 0.6 | 25.4 | 80 | 0.45 | 0.53 | < 10 | 0.28 | 0.13 | 14 | 4.4 | 12.0 | 3.5 | < 0.1 | 2.22 | 40 | 32 | 0.57 |
| 3533 | 201 | 202 | < 5 | 0.89 | 0.1 | 3.2 | 150 | 0.60 | 0.10 | < 10 | 0.14 | 0.06 | 3 | 1.4 | 3.6 | 4.2 | < 0.1 | 2.37 | 70 | 10 | 0.05 |
| 3534 | 201 | 202 | < 5 | 1.14 | 1.1 | 46.4 | 50 | 0.45 | 0.56 | < 10 | 0.26 | 0.13 | 20 | 4.6 | 13.6 | 3.5 | < 0.1 | 2.62 | 30 | 94 | 0.58 |
| 3535 | 201 | 202 | < 5 | 0.69 | 1.8 | 106.0 | 70 | 0.55 | 0.91 | < 10 | 0.66 | 0.15 | 7 | 3.4 | 10.8 | 2.7 | < 0.1 | 2.24 | 40 | 166 | 0.29 |
| 3536 | 201 | 202 | < 5 | 1.02 | 0.7 | 29.4 | 80 | 0.40 | 0.54 | < 10 | 0.36 | 0.27 | 14 | 4.2 | 11.6 | 3.8 | < 0.1 | 2.19 | 30 | 40 | 0.58 |
| 3537 | 201 | 202 | < 5 | 1.00 | 0.8 | 47.6 | 60 | 0.35 | 0.52 | < 10 | 0.20 | 0.14 | 12 | 3.4 | 11.8 | 3.8 | < 0.1 | 2.06 | 30 | 44 | 0.51 |
| 3538 | 201 | 202 | < 5 | 0.63 | 2.1 | 30.8 | 100 | 0.55 | 0.35 | < 10 | 0.28 | 0.07 | 7 | 1.4 | 9.2 | 3.2 | < 0.1 | 1.95 | 60 | 52 | 0.15 |
| 3539 | 201 | 202 | < 5 | 0.98 | 0.6 | 23.6 | 100 | 0.40 | 0.51 | < 10 | 0.68 | 0.07 | 10 | 2.2 | 10.0 | 4.2 | < 0.1 | 2.00 | 50 | 50 | 0.31 |
| 3540 | 201 | 202 | < 5 | 1.67 | 0.7 | 32.6 | 110 | 0.60 | 0.89 | < 10 | 0.86 | 0.07 | 14 | 3.6 | 10.2 | 6.9 | < 0.1 | 3.62 | 40 | 56 | 0.45 |
| 3541 | 201 | 202 | < 5 | 1.68 | 1.3 | 126.0 | 190 | 1.40 | 1.09 | < 10 | 2.98 | 0.22 | 13 | 4.8 | 12.0 | 5.5 | 0.1 | 3.05 | 100 | 106 | 0.47 |
| 3542 | 201 | 202 | < 5 | 0.70 | 1.1 | 49.0 | 90 | 1.20 | 0.42 | < 10 | 0.46 | 0.20 | 7 | 3.2 | 12.4 | 2.8 | 0.1 | 2.70 | 80 | 76 | 0.24 |
| 3543 | 201 | 202 | < 5 | 1.39 | 0.4 | 28.6 | 90 | 0.25 | 0.59 | < 10 | 0.24 | 0.05 | 17 | 4.0 | 13.6 | 6.1 | < 0.1 | 2.36 | 20 | 20 | 0.38 |
| 3544 | 201 | 202 | < 5 | 0.73 | 0.5 | 36.2 | 40 | 0.05 | 1.14 | < 10 | 0.26 | 0.05 | 10 | 4.6 | 9.8 | 5.4 | < 0.1 | 2.28 | < 10 | 14 | 0.25 |
| 3545 | 201 | 202 | < 5 | 1.63 | 0.9 | 67.4 | 170 | 0.95 | 1.01 | < 10 | 0.88 | 0.54 | 18 | 7.6 | 28.0 | 4.6 | < 0.1 | 3.08 | 30 | 92 | 0.70 |
| 3546 | 201 | 202 | < 5 | 2.15 | 0.8 | 83.0 | 90 | 0.70 | 1.18 | < 10 | 0.46 | 0.13 | 31 | 12.6 | 26.8 | 5.3 | < 0.1 | 4.06 | 10 | 34 | 0.84 |
| 3547 | 201 | 202 | < 5 | 2.15 | 0.7 | 65.6 | 170 | 0.85 | 1.04 | < 10 | 0.28 | 0.15 | 29 | 10.8 | 27.4 | 5.4 | < 0.1 | 3.71 | 20 | 32 | 0.81 |
| 3548 | 201 | 202 | < 5 | 1.59 | 0.4 | 27.2 | 110 | 0.45 | 0.87 | < 10 | 0.08 | 0.36 | 21 | 11.0 | 18.0 | 4.2 | < 0.1 | 2.90 | 10 | 20 | 0.64 |
| 3549 | 201 | 202 | < 5 | 1.99 | 0.4 | 22.2 | 80 | 0.45 | 0.78 | < 10 | 0.12 | 0.60 | 27 | 15.4 | 33.6 | 5.1 | < 0.1 | 3.85 | 10 | 16 | 0.97 |
| 3550 | 201 | 202 | < 5 | 2.19 | 0.5 | 24.0 | 90 | 0.75 | 0.57 | < 10 | 0.18 | 0.80 | 34 | 11.4 | 24.6 | 5.5 | < 0.1 | 3.67 | 20 | 24 | 1.07 |
| 3551 | 201 | 202 | < 5 | 1.99 | 0.5 | 30.4 | 90 | 0.35 | 0.93 | < 10 | 0.16 | 0.41 | 28 | 11.4 | 20.6 | 6.7 | < 0.1 | 3.80 | 10 | 20 | 0.85 |
| 3552 | 201 | 202 | < 5 | 2.25 | 0.3 | 29.6 | 120 | 0.55 | 0.93 | < 10 | 0.12 | 0.45 | 30 | 12.0 | 26.8 | 5.9 | < 0.1 | 3.85 | 10 | 18 | 1.02 |
| 3553 | 201 | 202 | < 5 | 1.72 | 0.3 | 13.2 | 140 | 0.65 | 0.35 | < 10 | 0.10 | 0.23 | 29 | 6.2 | 16.0 | 5.2 | < 0.1 | 2.63 | 30 | 14 | 0.76 |
| 3554 | 201 | 202 | < 5 | 2.37 | 0.4 | 30.8 | 170 | 0.80 | 0.68 | < 10 | 0.40 | 0.25 | 31 | 10.8 | 21.0 | 7.2 | < 0.1 | 3.59 | 10 | 28 | 0.68 |
| 3555 | 201 | 202 | < 5 | 1.94 | 0.5 | 36.6 | 200 | 0.90 | 0.64 | < 10 | 0.16 | 0.23 | 30 | 10.0 | 21.4 | 5.6 | < 0.1 | 3.28 | 30 | 26 | 0.81 |
| 3556 | 201 | 202 | < 5 | 1.70 | 0.5 | 37.6 | 150 | 0.65 | 0.75 | < 10 | 0.20 | 0.38 | 24 | 8.4 | 16.8 | 5.0 | < 0.1 | 2.86 | 20 | 28 | 0.64 |
| 3557 | 214 | -- | 95 | 1.40 | 24.5 | 720 | 630 | 0.75 | 0.57 | < 10 | 1.00 | 1.03 | 50 | 6.4 | 83.2 | 4.2 | < 0.1 | 2.99 | 10 | 14 | 0.26 |
| 3558 | 201 | 202 | < 5 | 1.34 | 0.4 | 11.4 | 130 | 0.50 | 0.27 | < 10 | 0.12 | 0.34 | 24 | 6.4 | 12.6 | 4.2 | < 0.1 | 2.20 | 30 | 14 | 0.64 |
| 3559 | 201 | 202 | < 5 | 1.28 | 1.1 | 24.6 | 230 | 0.55 | 0.57 | < 10 | 0.30 | 0.64 | 13 | 5.6 | 18.2 | 3.8 | < 0.1 | 2.46 | 20 | 22 | 0.47 |
| 3560 | 201 | 202 | < 5 | 1.47 | 1.0 | 20.8 | 290 | 0.80 | 0.66 | < 10 | 1.52 | 0.66 | 14 | 5.6 | 33.2 | 4.6 | < 0.1 | 2.44 | 40 | 24 | 0.44 |
| 3561 | 201 | 202 | < 5 | 0.85 | 0.7 | 8.0 | 200 | 0.55 | 0.33 | < 10 | 0.58 | 0.61 | 6 | 2.4 | 8.6 | 3.2 | < 0.1 | 1.24 | 20 | 32 | 0.28 |
| 3562 | 201 | 202 | < 5 | 1.00 | 0.8 | 35.0 | 180 | 1.30 | 0.51 | < 10 | 0.80 | 0.39 | 7 | 2.0 | 9.0 | 3.6 | 0.1 | 3.23 | 90 | 56 | 0.33 |
| 3563 | 201 | 202 | < 5 | 0.78 | 0.6 | 16.0 | 100 | 1.10 | 0.45 | < 10 | 0.14 | 0.10 | 4 | 1.6 | 10.8 | 3.7 | 0.1 | 3.06 | 280 | 30 | 0.12 |

CERTIFICATION: _____

# ALS Chemex

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


To: NEWMONT EXPLORATION LIMITED

10101 DRY CREEK RD.
ENGLEWOOD, COLORADO
80112, USA

Project : TAY-LP
Comments: ATTN: RICHARD GORTON CC: MIKE STAMMERS


Certificate Date: 20-JUL-2000
Invoice No. :I0023000
P.O. Number :21341
Account :TNFA

## CERTIFICATE OF ANALYSIS A0023000

| SAMPLE | PREP CODE | | Mn ppm | Hg ppm | Mo ppm | Ni ppm | P ppm | K % | Sc ppm | Se ppm | Ag ppm | Na % | Sr ppm | S % | Te ppm | Tl ppm | Ti % | W ppm | U ppm | V ppm | Zn ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3524 | 201 | 202 | 290 | 0.01 | 2.0 | 30 | 800 | 0.09 | 1 | < 0.5 | 0.16 | < 0.01 | 13 | 0.01 | 0.05 | 0.10 | 0.03 | 0.50 | 1.05 | 32 | 114 |
| 3525 | 201 | 202 | 315 | 0.02 | 2.2 | 21 | 940 | 0.07 | 1 | 0.5 | 0.28 | 0.01 | 33 | 0.01 | < 0.05 | 0.10 | 0.03 | 0.50 | 2.60 | 25 | 134 |
| 3526 | 201 | 202 | 385 | 0.03 | 3.6 | 27 | 1070 | 0.08 | 2 | < 0.5 | 0.40 | 0.01 | 31 | < 0.01 | < 0.05 | 0.12 | 0.03 | 0.35 | 1.55 | 24 | 186 |
| 3527 | 201 | 202 | 180 | 0.01 | 5.6 | 20 | 600 | 0.06 | < 1 | 0.5 | 0.16 | < 0.01 | 16 | 0.02 | 0.05 | 0.10 | 0.01 | 3.50 | 1.00 | 21 | 172 |
| 3528 | 201 | 202 | 1065 | 0.02 | 5.2 | 8 | 520 | 0.11 | < 1 | < 0.5 | 0.20 | < 0.01 | 5 | 0.01 | 0.05 | 0.14 | 0.02 | 0.40 | 0.80 | 24 | 160 |
| 3529 | 201 | 202 | 125 | 0.01 | 2.2 | 9 | 200 | 0.06 | < 1 | < 0.5 | 0.08 | 0.01 | 6 | < 0.01 | 0.05 | 0.04 | 0.01 | 0.15 | 0.40 | 20 | 62 |
| 3530 | 201 | 202 | 170 | 0.05 | 6.4 | 8 | 370 | 0.07 | < 1 | < 0.5 | 0.34 | < 0.01 | 14 | 0.03 | 0.05 | 0.10 | < 0.01 | 0.25 | 1.45 | 16 | 204 |
| 3531 | 201 | 202 | 395 | 0.01 | 6.2 | 5 | 210 | 0.04 | < 1 | < 0.5 | 0.40 | < 0.01 | 4 | < 0.01 | 0.05 | 0.08 | 0.02 | 0.20 | 0.80 | 19 | 134 |
| 3532 | 201 | 202 | 245 | 0.01 | 3.6 | 19 | 530 | 0.04 | 1 | < 0.5 | 0.16 | < 0.01 | 10 | < 0.01 | 0.10 | 0.02 | 0.01 | 0.25 | 1.10 | 23 | 94 |
| 3533 | 201 | 202 | 1335 | 0.05 | 4.0 | 2 | 350 | 0.08 | < 1 | < 0.5 | 0.12 | 0.01 | 9 | 0.02 | < 0.05 | 0.06 | 0.01 | 0.10 | 0.50 | 12 | 54 |
| 3534 | 201 | 202 | 375 | < 0.01 | 4.2 | 20 | 540 | 0.04 | 1 | < 0.5 | 0.12 | < 0.01 | 9 | 0.01 | 0.15 | 0.04 | 0.03 | 0.20 | 1.05 | 30 | 134 |
| 3535 | 201 | 202 | 540 | 0.01 | 6.0 | 11 | 630 | 0.05 | < 1 | < 0.5 | 0.54 | < 0.01 | 9 | 0.01 | 0.15 | 0.06 | < 0.01 | 0.15 | 1.80 | 18 | 234 |
| 3536 | 201 | 202 | 190 | 0.03 | 4.0 | 17 | 690 | 0.04 | 1 | < 0.5 | 0.18 | < 0.01 | 15 | < 0.01 | 0.15 | 0.04 | 0.01 | 0.30 | 1.30 | 24 | 104 |
| 3537 | 201 | 202 | 150 | < 0.01 | 3.4 | 17 | 550 | 0.05 | 1 | 0.5 | 0.24 | < 0.01 | 10 | < 0.01 | 0.05 | 0.04 | 0.01 | 0.20 | 0.85 | 25 | 100 |
| 3538 | 201 | 202 | 95 | 0.09 | 10.2 | 6 | 370 | 0.06 | < 1 | 1.5 | 0.46 | 0.01 | 37 | 0.05 | < 0.05 | 0.16 | < 0.01 | 0.30 | 1.30 | 25 | 126 |
| 3539 | 201 | 202 | 320 | 0.04 | 5.2 | 9 | 550 | 0.07 | < 1 | 0.5 | 0.40 | 0.01 | 12 | 0.03 | 0.05 | 0.10 | < 0.01 | 0.25 | 1.50 | 24 | 138 |
| 3540 | 201 | 202 | 270 | 0.03 | 4.8 | 13 | 390 | 0.16 | 1 | 0.5 | 0.34 | < 0.01 | 9 | 0.01 | 0.15 | 0.14 | 0.03 | 0.40 | 1.65 | 29 | 338 |
| 3541 | 201 | 202 | 330 | 0.02 | 6.0 | 19 | 610 | 0.07 | 1 | 1.0 | 0.34 | 0.01 | 18 | 0.01 | 0.15 | 0.10 | 0.01 | 0.30 | 3.25 | 26 | 576 |
| 3542 | 201 | 202 | 635 | 0.01 | 5.4 | 13 | 410 | 0.09 | 1 | < 0.5 | 0.64 | < 0.01 | 11 | < 0.01 | < 0.05 | 0.04 | 0.01 | 0.85 | 3.15 | 9 | 224 |
| 3543 | 201 | 202 | 125 | < 0.01 | 2.2 | 15 | 360 | 0.04 | 1 | < 0.5 | 0.10 | < 0.01 | 7 | < 0.01 | 0.05 | 0.08 | 0.01 | 0.35 | 0.70 | 30 | 72 |
| 3544 | 201 | 202 | 205 | 0.01 | 2.4 | 14 | 230 | 0.04 | < 1 | < 0.5 | 0.08 | 0.01 | 6 | 0.01 | 0.05 | 0.04 | 0.04 | 0.35 | 0.50 | 34 | 62 |
| 3545 | 201 | 202 | 565 | 0.03 | 3.0 | 31 | 860 | 0.09 | 1 | 0.5 | 0.66 | < 0.01 | 26 | 0.03 | 0.05 | 0.06 | 0.01 | 0.35 | 3.25 | 25 | 262 |
| 3546 | 201 | 202 | 440 | 0.01 | 2.2 | 40 | 860 | 0.07 | 2 | < 0.5 | 0.12 | < 0.01 | 12 | < 0.01 | < 0.05 | 0.10 | 0.02 | 0.90 | 0.90 | 30 | 144 |
| 3547 | 201 | 202 | 330 | 0.02 | 2.2 | 37 | 540 | 0.07 | 3 | < 0.5 | 0.14 | < 0.01 | 15 | < 0.01 | < 0.05 | 0.12 | 0.02 | 0.55 | 1.05 | 31 | 110 |
| 3548 | 201 | 202 | 535 | 0.01 | 1.4 | 28 | 640 | 0.07 | 2 | < 0.5 | 0.12 | < 0.01 | 28 | 0.01 | < 0.05 | 0.06 | 0.02 | 0.35 | 0.90 | 21 | 70 |
| 3549 | 201 | 202 | 340 | 0.02 | 1.6 | 44 | 590 | 0.07 | 4 | < 0.5 | 0.16 | 0.03 | 37 | 0.01 | < 0.05 | 0.08 | 0.02 | 0.25 | 0.55 | 23 | 80 |
| 3550 | 201 | 202 | 390 | 0.03 | 1.6 | 39 | 540 | 0.09 | 3 | < 0.5 | 0.18 | 0.01 | 60 | 0.01 | < 0.05 | 0.10 | 0.03 | 0.40 | 0.85 | 27 | 104 |
| 3551 | 201 | 202 | 385 | < 0.01 | 2.0 | 34 | 610 | 0.08 | 1 | < 0.5 | 0.10 | 0.01 | 27 | 0.01 | < 0.05 | 0.08 | 0.03 | 0.35 | 0.85 | 37 | 96 |
| 3552 | 201 | 202 | 305 | 0.04 | 1.6 | 36 | 650 | 0.08 | 3 | < 0.5 | 0.24 | 0.02 | 35 | 0.02 | < 0.05 | 0.08 | 0.03 | 0.40 | 1.20 | 27 | 104 |
| 3553 | 201 | 202 | 275 | < 0.01 | 0.8 | 24 | 470 | 0.10 | 3 | < 0.5 | 0.08 | 0.01 | 21 | < 0.01 | < 0.05 | 0.10 | 0.05 | 0.25 | 1.10 | 28 | 76 |
| 3554 | 201 | 202 | 605 | 0.03 | 1.6 | 29 | 670 | 0.12 | 2 | < 0.5 | 0.16 | 0.01 | 19 | 0.01 | < 0.05 | 0.10 | 0.05 | 0.50 | 1.30 | 39 | 112 |
| 3555 | 201 | 202 | 450 | 0.02 | 1.8 | 31 | 660 | 0.10 | 3 | < 0.5 | 0.20 | < 0.01 | 20 | 0.01 | 0.05 | 0.12 | 0.04 | 0.40 | 2.70 | 30 | 158 |
| 3556 | 201 | 202 | 415 | 0.04 | 1.6 | 24 | 560 | 0.08 | 2 | < 0.5 | 0.26 | 0.01 | 27 | 0.02 | < 0.05 | 0.08 | 0.03 | 0.35 | 2.05 | 26 | 104 |
| 3557 | 214 | -- | 265 | 9.87 | 9.2 | 38 | 1030 | 0.29 | 4 | 2.5 | 0.22 | 0.01 | 71 | 0.14 | 0.15 | 1.72 | 0.01 | 1.65 | 3.60 | 125 | 80 |
| 3558 | 201 | 202 | 260 | 0.20 | 1.0 | 21 | 750 | 0.06 | 2 | < 0.5 | 0.08 | < 0.01 | 22 | < 0.01 | < 0.05 | 0.08 | 0.05 | 0.30 | 1.15 | 24 | 74 |
| 3559 | 201 | 202 | 320 | 0.13 | 2.2 | 19 | 810 | 0.09 | 1 | 0.5 | 0.30 | 0.01 | 41 | 0.04 | < 0.05 | 0.08 | 0.01 | 0.25 | 2.10 | 20 | 126 |
| 3560 | 201 | 202 | 450 | 0.11 | 2.0 | 25 | 760 | 0.12 | 1 | 1.0 | 0.38 | < 0.01 | 50 | 0.04 | < 0.05 | 0.12 | 0.01 | 0.40 | 5.45 | 23 | 154 |
| 3561 | 201 | 202 | 425 | 0.08 | 2.2 | 9 | 660 | 0.05 | < 1 | 1.5 | 0.36 | 0.02 | 52 | 0.04 | 0.05 | 0.14 | < 0.01 | 0.15 | 2.10 | 16 | 142 |
| 3562 | 201 | 202 | 465 | 0.05 | 6.8 | 12 | 510 | 0.11 | < 1 | 0.5 | 0.76 | < 0.01 | 32 | 0.03 | 0.05 | 0.08 | < 0.01 | 0.15 | 1.45 | 15 | 216 |
| 3563 | 201 | 202 | 505 | 0.04 | 7.6 | 5 | 210 | 0.05 | < 1 | < 0.5 | 0.34 | < 0.01 | 16 | 0.01 | 0.05 | 0.06 | < 0.01 | 0.30 | 2.60 | 10 | 94 |

CERTIFICATION: _____

# ALS Chemex

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


To: NEWMONT EXPLORATION LIMITED

10101 DRY CREEK RD.
ENGLEWOOD, COLORADO
80112, USA

Project : TAY-LP
Comments: ATTN: RICHARD GORTON CC: MIKE STAMMERS


Certificate Date: 20-JUL-2000
Invoice No. :I0023000
P.O. Number :21341
Account :TNFA

## CERTIFICATE OF ANALYSIS A0023000

| SAMPLE | PREP CODE | | Au ppb FA+AA | Al % | Sb ppm | As ppm | Ba ppm | Be ppm | Bi ppm | B ppm | Cd ppm | Ca % | Cr ppm | Co ppm | Cu ppm | Ga ppm | Ge ppm | Fe % | La ppm | Pb ppm | Mg % |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3564 | 201 | 202 | < 5 | 0.79 | 0.3 | 5.4 | 200 | 1.15 | 0.18 | < 10 | 0.54 | 0.21 | 3 | 1.4 | 8.0 | 2.9 | 0.1 | 6.19 | 100 | 20 | 0.10 |
| 3565 | 201 | 202 | < 5 | 1.59 | 0.4 | 12.8 | 120 | 0.50 | 0.33 | < 10 | 0.12 | 0.24 | 30 | 7.0 | 16.6 | 4.8 | < 0.1 | 2.62 | 30 | 18 | 0.73 |
| 3566 | 201 | 202 | < 5 | 1.45 | 0.3 | 10.4 | 90 | 0.45 | 0.34 | < 10 | 0.12 | 0.16 | 26 | 5.6 | 13.8 | 4.2 | < 0.1 | 2.35 | 30 | 16 | 0.64 |
| 3567 | 201 | 202 | < 5 | 2.92 | 0.9 | 49.8 | 180 | 0.90 | 1.04 | < 10 | 0.62 | 0.16 | 42 | 17.0 | 40.8 | 7.6 | < 0.1 | 4.75 | 10 | 48 | 0.94 |
| 3568 | 201 | 202 | < 5 | 1.71 | 0.2 | 9.6 | 110 | 0.45 | 0.33 | < 10 | 0.08 | 0.17 | 28 | 5.6 | 12.4 | 5.1 | < 0.1 | 2.26 | 20 | 16 | 0.66 |
| 3569 | 201 | 202 | < 5 | 0.88 | 0.9 | 17.6 | 80 | 0.30 | 0.37 | < 10 | 0.56 | 3.34 | 10 | 10.4 | 28.0 | 2.4 | < 0.1 | 2.75 | 10 | 18 | 2.36 |
| 3570 | 201 | 202 | < 5 | 1.40 | 0.6 | 18.2 | 160 | 0.50 | 0.63 | < 10 | 0.30 | 0.90 | 19 | 10.4 | 24.2 | 3.9 | < 0.1 | 2.89 | 10 | 16 | 0.66 |
| 3571 | 201 | 202 | < 5 | 1.56 | 0.4 | 13.2 | 70 | 0.30 | 0.81 | < 10 | 0.28 | 2.34 | 19 | 13.8 | 26.6 | 3.9 | < 0.1 | 3.61 | 10 | 8 | 1.00 |
| 3572 | 201 | 202 | < 5 | 1.50 | 0.5 | 22.6 | 120 | 0.30 | 1.80 | < 10 | 0.16 | 0.76 | 20 | 10.4 | 24.8 | 4.0 | < 0.1 | 2.94 | 10 | 14 | 0.64 |
| 3573 | 201 | 202 | 25 | 1.35 | 0.4 | 19.6 | 70 | 0.25 | 3.82 | < 10 | 0.12 | 0.43 | 19 | 11.6 | 22.2 | 3.5 | < 0.1 | 2.99 | 10 | 10 | 0.56 |
| 3574 | 201 | 202 | < 5 | 1.98 | 0.3 | 13.0 | 40 | 0.40 | 1.16 | < 10 | 0.16 | 1.38 | 28 | 15.2 | 34.8 | 5.1 | < 0.1 | 4.07 | 20 | 10 | 1.01 |
| 3575 | 201 | 202 | 10 | 2.03 | 0.3 | 26.2 | 60 | 0.45 | 1.88 | < 10 | 0.16 | 0.65 | 27 | 17.0 | 32.2 | 5.2 | < 0.1 | 4.16 | 20 | 10 | 0.89 |
| 3576 | 201 | 202 | < 5 | 1.36 | 0.3 | 10.0 | 80 | 0.60 | 0.29 | < 10 | 0.14 | 0.18 | 24 | 6.4 | 13.6 | 4.0 | < 0.1 | 2.10 | 30 | 14 | 0.54 |
| 3577 | 201 | 202 | < 5 | 1.91 | 0.6 | 48.0 | 200 | 0.40 | 0.96 | < 10 | 0.28 | 0.62 | 24 | 9.6 | 28.8 | 5.1 | < 0.1 | 3.26 | 10 | 32 | 0.95 |
| 3578 | 201 | 202 | < 5 | 0.50 | 1.9 | 45.8 | 80 | 0.25 | 0.47 | < 10 | 1.00 | 0.19 | 7 | 7.6 | 34.4 | 1.6 | < 0.1 | 2.74 | 20 | 46 | 0.09 |
| 3579 | 201 | 202 | < 5 | 0.84 | 0.8 | 2.8 | 70 | 0.15 | 0.13 | < 10 | 0.24 | 0.43 | 10 | 5.2 | 19.4 | 3.0 | < 0.1 | 2.77 | 10 | 16 | 0.20 |
| 3580 | 201 | 202 | < 5 | 1.45 | 0.4 | 10.8 | 50 | 0.20 | 2.36 | < 10 | 0.28 | 0.04 | 20 | 9.8 | 24.0 | 5.6 | < 0.1 | 4.15 | 10 | 34 | 0.53 |
| 3581 | 201 | 202 | < 5 | 1.69 | 0.4 | 186.5 | 40 | 0.30 | 2.80 | < 10 | 1.14 | 0.27 | 9 | 12.6 | 48.6 | 6.5 | < 0.1 | 3.67 | 10 | 6 | 1.13 |
| 3582 | 201 | 202 | < 5 | 0.63 | 2.0 | 35.2 | 60 | 0.25 | 0.54 | < 10 | 3.26 | 0.32 | 10 | 9.6 | 29.8 | 2.3 | < 0.1 | 2.77 | 10 | 16 | 0.16 |
| 3583 | 201 | 202 | < 5 | 0.48 | 2.3 | 24.8 | 70 | 0.25 | 0.24 | < 10 | 0.08 | 0.81 | 5 | 12.2 | 98.3 | 1.6 | < 0.1 | 3.38 | 30 | 12 | 0.17 |
| 3584 | 201 | 202 | < 5 | 0.52 | 7.0 | 23.0 | 40 | 0.10 | 0.22 | < 10 | 0.12 | 0.47 | 7 | 8.8 | 20.8 | 1.7 | < 0.1 | 2.43 | < 10 | 12 | 0.16 |
| 3585 | 201 | 202 | < 5 | 0.31 | 0.8 | 5.2 | 30 | 0.10 | 0.19 | < 10 | 0.06 | 0.12 | 3 | 3.2 | 24.4 | 2.0 | < 0.1 | 1.37 | 10 | 6 | 0.04 |
| 3586 | 201 | 202 | < 5 | 0.78 | 0.5 | 8.2 | 120 | 0.20 | 0.41 | < 10 | 0.24 | 0.37 | 13 | 7.8 | 15.0 | 4.3 | < 0.1 | 2.43 | < 10 | 14 | 0.28 |
| 3587 | 201 | 202 | < 5 | 1.43 | 0.9 | 20.2 | 510 | 0.60 | 0.54 | < 10 | 0.28 | 0.42 | 18 | 9.2 | 19.0 | 3.6 | < 0.1 | 3.27 | 10 | 28 | 0.50 |
| 3588 | 201 | 202 | < 5 | 1.42 | 0.7 | 17.4 | 390 | 0.60 | 0.46 | < 10 | 0.28 | 0.60 | 22 | 11.6 | 17.6 | 3.9 | < 0.1 | 3.07 | 10 | 26 | 0.64 |
| 3589 | 201 | 202 | < 5 | 2.20 | 0.9 | 42.4 | 2050 | 0.60 | 0.64 | < 10 | 0.32 | 0.71 | 26 | 18.0 | 14.4 | 7.7 | < 0.1 | 4.35 | 10 | 42 | 0.78 |
| 3590 | 201 | 202 | < 5 | 1.88 | 0.6 | 19.2 | 440 | 0.80 | 0.67 | < 10 | 0.22 | 0.56 | 27 | 12.2 | 22.2 | 5.2 | < 0.1 | 3.59 | 10 | 32 | 0.74 |
| 3591 | 201 | 202 | < 5 | 1.71 | 0.3 | 23.4 | 170 | 0.50 | 0.41 | < 10 | 0.12 | 0.43 | 26 | 8.2 | 18.2 | 4.8 | < 0.1 | 2.57 | 10 | 18 | 0.72 |
| 3592 | 201 | 202 | < 5 | 1.71 | 0.7 | 30.6 | 180 | 0.65 | 0.76 | < 10 | 0.48 | 0.68 | 24 | 11.2 | 19.4 | 4.4 | < 0.1 | 3.14 | 10 | 24 | 0.72 |

CERTIFICATION: _____

# ALS Chemex

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


To: NEWMONT EXPLORATION LIMITED

10101 DRY CREEK RD.
ENGLEWOOD, COLORADO
80112, USA

Project : TAY-LP
Comments: ATTN: RICHARD GORTON CC: MIKE STAMMERS


Certificate Date: 20-JUL-2000
Invoice No. :I0023000
P.O. Number :21341
Account :TNFA

## CERTIFICATE OF ANALYSIS A0023000

| SAMPLE | PREP CODE | | Mn ppm | Hg ppm | Mo ppm | Ni ppm | P ppm | K % | Sc ppm | Se ppm | Ag ppm | Na % | Sr ppm | S % | Te ppm | Tl ppm | Ti % | W ppm | U ppm | V ppm | Zn ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3564 | 201 | 202 | 3090 | 0.05 | 8.8 | 4 | 490 | 0.12 | < 1 | < 0.5 | 0.18 | < 0.01 | 17 | 0.02 | < 0.05 | 0.10 | < 0.01 | 0.20 | 1.90 | 6 | 108 |
| 3565 | 201 | 202 | 310 | 0.04 | 1.0 | 26 | 630 | 0.07 | 3 | < 0.5 | 0.06 | < 0.01 | 17 | < 0.01 | < 0.05 | 0.10 | 0.04 | 0.35 | 1.20 | 27 | 82 |
| 3566 | 201 | 202 | 230 | 0.01 | 1.0 | 22 | 550 | 0.06 | 2 | < 0.5 | 0.08 | < 0.01 | 12 | < 0.01 | < 0.05 | 0.08 | 0.04 | 0.35 | 1.10 | 23 | 66 |
| 3567 | 201 | 202 | 1070 | 0.01 | 2.8 | 51 | 610 | 0.20 | 4 | < 0.5 | 0.16 | 0.01 | 14 | 0.01 | < 0.05 | 0.22 | 0.05 | 0.60 | 1.20 | 42 | 150 |
| 3568 | 201 | 202 | 210 | 0.03 | 0.8 | 21 | 510 | 0.08 | 1 | < 0.5 | 0.10 | < 0.01 | 13 | < 0.01 | < 0.05 | 0.10 | 0.04 | 0.30 | 1.05 | 26 | 66 |
| 3569 | 201 | 202 | 455 | < 0.01 | 5.4 | 35 | 930 | 0.03 | 1 | < 0.5 | 0.24 | < 0.01 | 37 | 0.01 | < 0.05 | 0.02 | 0.01 | 0.30 | 0.90 | 18 | 88 |
| 3570 | 201 | 202 | 415 | 0.03 | 3.2 | 30 | 560 | 0.06 | 1 | 0.5 | 0.18 | < 0.01 | 29 | 0.04 | < 0.05 | 0.04 | 0.01 | 0.30 | 2.60 | 25 | 78 |
| 3571 | 201 | 202 | 510 | 0.04 | 1.4 | 34 | 830 | 0.07 | 2 | 0.5 | 0.12 | 0.01 | 47 | 0.05 | < 0.05 | 0.04 | 0.01 | 0.25 | 0.75 | 21 | 94 |
| 3572 | 201 | 202 | 230 | 0.01 | 1.2 | 31 | 820 | 0.07 | 1 | 0.5 | 0.14 | 0.01 | 51 | 0.04 | < 0.05 | 0.06 | 0.01 | 0.30 | 1.95 | 18 | 82 |
| 3573 | 201 | 202 | 390 | 0.04 | 1.2 | 30 | 330 | 0.03 | 1 | < 0.5 | 0.10 | < 0.01 | 32 | 0.03 | < 0.05 | 0.04 | 0.01 | 0.25 | 1.45 | 16 | 56 |
| 3574 | 201 | 202 | 255 | < 0.01 | 1.0 | 40 | 760 | 0.08 | 2 | < 0.5 | 0.10 | 0.01 | 67 | < 0.01 | < 0.05 | 0.08 | 0.02 | 0.20 | 0.75 | 19 | 74 |
| 3575 | 201 | 202 | 565 | 0.02 | 1.0 | 42 | 760 | 0.11 | 2 | < 0.5 | 0.14 | 0.03 | 60 | 0.03 | < 0.05 | 0.10 | 0.02 | 0.20 | 1.55 | 19 | 78 |
| 3576 | 201 | 202 | 265 | 0.01 | 1.0 | 21 | 600 | 0.07 | 2 | < 0.5 | 0.06 | < 0.01 | 12 | < 0.01 | < 0.05 | 0.12 | 0.04 | 0.30 | 1.45 | 23 | 60 |
| 3577 | 201 | 202 | 255 | 0.03 | 1.4 | 31 | 580 | 0.13 | 3 | < 0.5 | 0.30 | 0.02 | 31 | 0.01 | < 0.05 | 0.10 | 0.03 | 0.30 | 0.65 | 26 | 106 |
| 3578 | 201 | 202 | 235 | 0.07 | 29.4 | 61 | 650 | 0.03 | < 1 | 2.5 | 0.90 | < 0.01 | 13 | 0.04 | 0.20 | 0.14 | < 0.01 | 0.40 | 1.30 | 46 | 146 |
| 3579 | 201 | 202 | 640 | 0.01 | 24.8 | 68 | 500 | 0.03 | < 1 | 1.0 | 0.54 | < 0.01 | 14 | 0.03 | < 0.05 | 0.06 | < 0.01 | 0.20 | 2.20 | 78 | 86 |
| 3580 | 201 | 202 | 655 | 0.01 | 10.2 | 40 | 820 | 0.02 | < 1 | 0.5 | 0.06 | < 0.01 | 6 | 0.02 | 0.05 | 0.14 | < 0.01 | 1.45 | 1.15 | 61 | 126 |
| 3581 | 201 | 202 | 550 | 0.03 | 8.4 | 26 | 1310 | 0.01 | 1 | 0.5 | 0.22 | 0.01 | 12 | 0.04 | < 0.05 | 0.06 | 0.01 | 0.25 | 1.45 | 50 | 124 |
| 3582 | 201 | 202 | 560 | 0.03 | 9.6 | 45 | 820 | 0.03 | < 1 | 1.0 | 0.08 | 0.01 | 14 | 0.03 | 0.05 | 0.06 | < 0.01 | 0.15 | 1.40 | 42 | 124 |
| 3583 | 201 | 202 | 280 | 0.03 | 6.0 | 48 | 2990 | 0.04 | 1 | 2.0 | 0.32 | 0.01 | 36 | 0.03 | 0.05 | 0.04 | < 0.01 | 0.25 | 1.40 | 12 | 22 |
| 3584 | 201 | 202 | 245 | 0.09 | 5.6 | 40 | 820 | 0.02 | < 1 | 0.5 | 0.30 | 0.01 | 9 | 0.01 | 0.70 | 0.08 | 0.01 | 0.40 | 0.70 | 11 | 28 |
| 3585 | 201 | 202 | 95 | 0.03 | 1.8 | 16 | 430 | 0.01 | < 1 | 0.5 | 0.12 | 0.01 | 6 | 0.02 | < 0.05 | < 0.02 | 0.01 | 0.10 | 0.50 | 13 | 12 |
| 3586 | 201 | 202 | 710 | 0.04 | 2.2 | 18 | 530 | 0.03 | < 1 | < 0.5 | 0.18 | 0.01 | 13 | 0.03 | 0.10 | 0.02 | 0.04 | 0.25 | 0.65 | 25 | 46 |
| 3587 | 201 | 202 | 325 | 0.07 | 3.0 | 37 | 740 | 0.05 | 2 | 0.5 | 0.32 | < 0.01 | 18 | 0.02 | 0.05 | 0.06 | 0.01 | 0.45 | 0.95 | 23 | 82 |
| 3588 | 201 | 202 | 735 | 0.02 | 2.0 | 29 | 420 | 0.07 | 2 | 0.5 | 0.24 | < 0.01 | 19 | 0.03 | 0.15 | 0.06 | 0.02 | 0.25 | 1.05 | 22 | 76 |
| 3589 | 201 | 202 | 1160 | 0.02 | 2.4 | 25 | 590 | 0.07 | 1 | 0.5 | 0.14 | 0.02 | 28 | 0.04 | < 0.05 | 0.08 | 0.04 | 0.60 | 1.20 | 38 | 112 |
| 3590 | 201 | 202 | 660 | 0.06 | 1.8 | 32 | 610 | 0.08 | 3 | < 0.5 | 0.26 | 0.01 | 21 | 0.03 | < 0.05 | 0.08 | 0.02 | 0.35 | 1.60 | 28 | 88 |
| 3591 | 201 | 202 | 415 | 0.01 | 1.0 | 27 | 560 | 0.07 | 2 | < 0.5 | 0.16 | 0.01 | 24 | 0.01 | < 0.05 | 0.08 | 0.03 | 0.40 | 0.95 | 27 | 64 |
| 3592 | 201 | 202 | 705 | 0.03 | 1.4 | 28 | 790 | 0.10 | 2 | 0.5 | 0.12 | 0.03 | 37 | 0.03 | < 0.05 | 0.08 | 0.03 | 0.25 | 1.55 | 23 | 110 |

CERTIFICATION: _____

# ALS Chemex

Chemex Labs, Inc.
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To: NEWMONT EXPLORATION LIMITED

10101 DRY CREEK RD.
ENGLEWOOD, COLORADO
80112, USA

A0023740

Comments: ATTN: RICHARD GORTON CC: MIKE STAMMERS

## CERTIFICATE A0023740

(TNFA) - NEWMONT EXPLORATION LIMITED

Project: TAY-LP
P.O. # : 21341

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

## SAMPLE PREPARATION

| CHEMEX CODE | NUMBER SAMPLES | DESCRIPTION |
|---|---|---|
| 205 | 28 | Geochem ring to approx 150 mesh |
| 226 | 28 | 0-3 Kg crush and split |
| 3202 | 28 | Rock - save entire reject |
| 222 | 28 | Drying charge (0-3 Kg) |

* NOTE 1:

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

## ANALYTICAL PROCEDURES 1 of 2

| CHEMEX CODE | NUMBER SAMPLES | DESCRIPTION | METHOD | DETECTION LIMIT | UPPER LIMIT |
|---|---|---|---|---|---|
| 983 | 28 | Au ppb: Fuse 30 g sample | FA-AAS | 5 | 10000 |
| 9201 | 28 | Al %: ICP + ICP-MS package | ICP | 0.01 | 15.00 |
| 9202 | 28 | Sb ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.1 | 10000 |
| 9203 | 28 | As ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.2 | 10000 |
| 9204 | 28 | Ba ppm: ICP + ICP-MS package | ICP | 10 | 10000 |
| 9205 | 28 | Be ppm: ICP + ICP-MS package | ICP | 0.05 | 100.0 |
| 9206 | 28 | Bi ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.01 | 10000 |
| 9235 | 28 | B ppm: ICP + ICP-MS package | ICP | 10 | 10000 |
| 9207 | 28 | Cd ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.02 | 500 |
| 9208 | 28 | Ca %: ICP + ICP-MS package | ICP | 0.01 | 15.00 |
| 9209 | 28 | Cr ppm: ICP + ICP-MS package | ICP | 1 | 10000 |
| 9210 | 28 | Co ppm: ICP + ICP-MS package | ICP | 0.2 | 10000 |
| 9211 | 28 | Cu ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.2 | 10000 |
| 9212 | 28 | Ga ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.1 | 10000 |
| 9213 | 28 | Ge ppm: ICP + ICP-MS package | ICP-MS | 0.1 | 500 |
| 9214 | 28 | Fe %: ICP + ICP-MS package | ICP | 0.01 | 15.00 |
| 9215 | 28 | La ppm: ICP + ICP-MS package | ICP | 10 | 10000 |
| 9216 | 28 | Pb ppm: ICP + ICP-MS package | ICP | 2 | 10000 |
| 9217 | 28 | Mg %: ICP + ICP-MS package | ICP | 0.01 | 15.00 |
| 9218 | 28 | Mn ppm: ICP + ICP-MS package | ICP | 5 | 10000 |
| 9219 | 28 | Hg ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.01 | 10000 |
| 9220 | 28 | Mo ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.2 | 10000 |
| 9221 | 28 | Ni ppm: ICP + ICP-MS package | ICP | 1 | 10000 |
| 9222 | 28 | P ppm: ICP + ICP-MS package | ICP | 10 | 10000 |
| 9223 | 28 | K %: ICP + ICP-MS package | ICP | 0.01 | 10.00 |
| 9224 | 28 | Sc ppm: ICP + ICP-MS package | ICP | 1 | 10000 |
| 9237 | 28 | Se ppm: ICP + ICP-MS package | ICP-MS | 0.5 | 1000 |
| 9225 | 28 | Ag ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.02 | 100.0 |
| 9226 | 28 | Na %: ICP + ICP-MS package | ICP | 0.01 | 10.00 |
| 9227 | 28 | Sr ppm: ICP + ICP-MS package | ICP | 1 | 10000 |
| 9236 | 28 | S %: ICP + ICP-MS package | ICP | 0.01 | 5.00 |
| 9228 | 28 | Te ppm: ICP + ICP-MS package | ICP-MS | 0.05 | 500 |
| 9229 | 28 | Tl ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.02 | 10000 |
| 9230 | 28 | Ti %: ICP + ICP-MS package | ICP | 0.01 | 10.00 |
| 9231 | 28 | W ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.05 | 10000 |
| 9232 | 28 | U ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.05 | 10000 |


**The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him/her and based on an evaluation of all engineering data which is available concerning any proposed project**

*Statement required by Nevada State Law NRS 519*

# ALS Chemex

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80112, USA

A0023740

Comments: ATTN: RICHARD GORTON CC: MIKE STAMMERS

## CERTIFICATE A0023740

(TNFA) - NEWMONT EXPLORATION LIMITED

Project: TAY-LP
P.O. # : 21341

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

## SAMPLE PREPARATION

| CHEMEX CODE | NUMBER SAMPLES | DESCRIPTION |
|---|---|---|
| 205 | 28 | Geochem ring to approx 150 mesh |
| 226 | 28 | 0-3 Kg crush and split |
| 3202 | 28 | Rock - save entire reject |
| 222 | 28 | Drying charge (0-3 Kg) |

* NOTE 1:

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

## ANALYTICAL PROCEDURES 2 of 2

| CHEMEX CODE | NUMBER SAMPLES | DESCRIPTION | METHOD | DETECTION LIMIT | UPPER LIMIT |
|---|---|---|---|---|---|
| 9233 | 28 | V ppm: ICP + ICP-MS package | ICP | 1 | 10000 |
| 9234 | 28 | Zn ppm: ICP + ICP-MS package | ICP | 2 | 10000 |


The results of this assay were based solely upon the content of the sample submitted. Any decision to invest should be made only after the potential investment value of the claim or deposit has been determined based on the results of assays of multiple samples of geologic materials collected by the prospective investor or by a qualified person selected by him/her and based on an evaluation of all engineering data which is available concerning any proposed project Statement required by Nevada State Law NRS 519

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Project : TAY-LP
Comments: ATTN: RICHARD GORTON CC: MIKE STAMMERS

Page Number :1-A
Total Pages :1
Certificate Date: 26-JUL-2000
Invoice No. :I0023740
P.O Number :21341
Account :TNFA

## CERTIFICATE OF ANALYSIS A0023740

| SAMPLE | PREP CODE | | Au ppb FA+AA | Al % | Sb ppm | As ppm | Ba ppm | Be ppm | Bi ppm | B ppm | Cd ppm | Ca % | Cr ppm | Co ppm | Cu ppm | Ga ppm | Ge ppm | Fe % | La ppm | Pb ppm | Mg % |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1756 | 205 | 226 | < 5 | 1.44 | 0.6 | 113.5 | 130 | 0.40 | 1.71 | < 10 | 0.28 | 3.15 | 55 | 8.6 | 28.4 | 5.5 | < 0.1 | 3.16 | 10 | 18 | 1.67 |
| 1757 | 205 | 226 | < 5 | 1.04 | 1.5 | 66.8 | 200 | 0.30 | 0.81 | < 10 | 0.68 | 4.21 | 33 | 9.2 | 25.0 | 3.2 | < 0.1 | 2.66 | 10 | 38 | 1.50 |
| 1758 | 205 | 226 | < 5 | 0.98 | 0.8 | 86.4 | 140 | 0.25 | 1.26 | < 10 | 0.48 | 6.07 | 60 | 7.8 | 21.4 | 3.0 | < 0.1 | 2.37 | 10 | 26 | 1.50 |
| 1759 | 205 | 226 | 15 | 1.07 | 0.8 | 150.5 | 70 | 0.25 | 1.87 | < 10 | 0.44 | 10.05 | 34 | 9.4 | 22.2 | 3.4 | < 0.1 | 2.43 | 10 | 24 | 1.20 |
| 1760 | 205 | 226 | < 5 | 1.62 | 0.6 | 65.2 | 90 | 0.30 | 0.70 | < 10 | 0.30 | 2.12 | 59 | 15.4 | 26.8 | 4.9 | < 0.1 | 3.29 | 10 | 10 | 1.12 |
| 1761 | 205 | 226 | 15 | 2.16 | 0.3 | 58.4 | 60 | 0.25 | 0.96 | < 10 | 0.12 | 1.46 | 69 | 18.6 | 30.6 | 6.3 | < 0.1 | 3.97 | 10 | 34 | 1.22 |
| 1762 | 205 | 226 | < 5 | 1.15 | 0.4 | 72.0 | 40 | 0.10 | 0.59 | < 10 | 0.14 | >15.00 | 21 | 10.2 | 12.6 | 3.8 | < 0.1 | 2.10 | 10 | 16 | 1.01 |
| 1763 | 205 | 226 | 5 | 1.21 | 1.1 | 2780 | 70 | 0.30 | 3.63 | < 10 | 0.46 | 5.20 | 53 | 13.0 | 91.6 | 3.7 | < 0.1 | 5.86 | < 10 | 2 | 1.23 |
| 1764 | 205 | 226 | < 5 | 1.25 | 0.5 | 59.4 | 70 | 0.30 | 1.38 | 10 | 0.32 | 5.79 | 64 | 17.4 | 22.4 | 3.9 | < 0.1 | 2.69 | 10 | 10 | 1.69 |
| 1765 | 205 | 226 | 10 | 1.25 | 0.4 | 30.6 | 70 | 0.35 | 1.14 | < 10 | 0.38 | 2.66 | 50 | 12.6 | 26.2 | 3.7 | < 0.1 | 2.66 | 10 | 12 | 0.76 |
| 1766 | 205 | 226 | < 5 | 0.66 | < 0.1 | 12.2 | 30 | 0.30 | 0.58 | < 10 | 0.04 | 2.77 | 65 | 27.4 | 10.0 | 1.8 | < 0.1 | 1.39 | 10 | < 2 | 0.26 |
| 1767 | 205 | 226 | 30 | 1.14 | < 0.1 | 2.6 | 40 | 0.25 | 4.50 | < 10 | 0.02 | 0.30 | 43 | 16.8 | 33.2 | 3.3 | < 0.1 | 3.40 | 30 | < 2 | 0.61 |
| 1768 | 205 | 226 | < 5 | 1.30 | 0.1 | 7.4 | 30 | 0.15 | 0.14 | < 10 | 0.12 | 13.95 | 28 | 8.4 | 10.8 | 3.4 | < 0.1 | 1.81 | 10 | < 2 | 1.33 |
| 1769 | 205 | 226 | < 5 | 1.12 | 0.1 | 13.4 | 30 | 0.25 | 0.24 | < 10 | 0.06 | 11.70 | 37 | 11.8 | 12.2 | 3.4 | < 0.1 | 2.67 | 20 | < 2 | 0.77 |
| 1770 | 205 | 226 | < 5 | 0.13 | 1.0 | 20.6 | 50 | 0.10 | 0.09 | < 10 | 0.66 | 5.57 | 52 | 3.8 | 6.0 | 0.5 | < 0.1 | 1.49 | 10 | 36 | 2.99 |
| 1771 | 205 | 226 | < 5 | 1.55 | 0.4 | 30.8 | 150 | 0.75 | 1.39 | < 10 | 0.18 | 6.23 | 43 | 11.4 | 38.6 | 5.0 | < 0.1 | 3.06 | 10 | 6 | 1.58 |
| 1772 | 205 | 226 | < 5 | 0.45 | 1.9 | 41.2 | 90 | 0.30 | 0.19 | < 10 | 0.40 | 5.62 | 46 | 9.0 | 26.2 | 1.4 | < 0.1 | 2.17 | 10 | 6 | 2.73 |
| 1773 | | | | | | | | | | | | | | | | | | | | | |
| 1774 | | | | | | | | | | | | | | | | | | | | | |
| 1775 | | | | | | | | | | | | | | | | | | | | | |
| 1776 | | | | | | | | | | | | | | | | | | | | | |
| 1778 | 205 | 226 | 20 | 1.16 | 0.9 | 89.4 | 100 | 0.25 | 1.47 | < 10 | 0.44 | 5.51 | 61 | 8.0 | 18.0 | 3.5 | < 0.1 | 2.46 | 10 | 22 | 1.36 |
| 1779 | 205 | 226 | 10 | 0.92 | 1.0 | 78.6 | 170 | 0.35 | 3.27 | 10 | 0.56 | 5.69 | 56 | 7.4 | 20.8 | 2.9 | < 0.1 | 2.42 | 10 | 28 | 1.56 |
| 1780 | 205 | 226 | < 5 | 1.40 | 1.8 | 114.5 | 270 | 0.50 | 1.40 | < 10 | 0.78 | 3.79 | 39 | 11.8 | 32.2 | 4.2 | < 0.1 | 3.04 | 10 | 54 | 1.55 |
| 2340 | 205 | 226 | < 5 | 0.74 | 0.5 | 77.0 | 110 | 0.25 | 0.39 | < 10 | 2.16 | 4.89 | 37 | 17.6 | 61.1 | 2.1 | < 0.1 | 3.94 | 10 | < 2 | 1.48 |

CERTIFICATION: _____

# ALS Chemex

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ENGLEWOOD, COLORADO
80112, USA

Project : TAY-LP
Comments: ATTN: RICHARD GORTON CC: MIKE STAMMERS

Page Number :1-B
Total Pages :1
Certificate Date: 26-JUL-2000
Invoice No. :I0023740
P.O. Number :21341
Account :TNFA

## CERTIFICATE OF ANALYSIS A0023740

| SAMPLE | PREP CODE | | Mn ppm | Hg ppm | Mo ppm | Ni ppm | P ppm | K % | Sc ppm | Se ppm | Ag ppm | Na % | Sr ppm | S % | Te ppm | Tl ppm | Ti % | W ppm | U ppm | V ppm | Zn ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1754 | | | | | | | | | | | | | | | | | | | | | |
| 1755 | | | | | | | | | | | | | | | | | | | | | |
| 1756 | 205 | 226 | 320 | < 0.01 | 2.8 | 31 | 830 | 0.28 | 2 | 1.5 | 0.24 | 0.01 | 65 | 0.69 | < 0.05 | 0.10 | 0.01 | 2.50 | 1.65 | 35 | 84 |
| 1757 | 205 | 226 | 500 | 0.03 | 2.8 | 27 | 740 | 0.21 | 2 | 0.5 | 0.36 | < 0.01 | 88 | 0.19 | < 0.05 | 0.06 | 0.01 | 0.30 | 1.15 | 19 | 114 |
| 1758 | 205 | 226 | 730 | 0.01 | 2.8 | 22 | 560 | 0.19 | 2 | < 0.5 | 0.24 | 0.02 | 166 | 0.11 | < 0.05 | 0.08 | 0.01 | 1.05 | 0.90 | 16 | 64 |
| 1759 | 205 | 226 | 365 | < 0.01 | 1.4 | 26 | 630 | 0.15 | 2 | < 0.5 | 0.26 | 0.01 | 593 | 0.05 | < 0.05 | 0.08 | 0.03 | 1.20 | 0.95 | 16 | 68 |
| 1760 | 205 | 226 | 355 | 0.01 | 2.0 | 31 | 690 | 0.25 | 3 | < 0.5 | 0.12 | 0.02 | 58 | 0.21 | < 0.05 | 0.08 | 0.03 | 12.30 | 1.20 | 24 | 76 |
| 1761 | 205 | 226 | 190 | < 0.01 | 1.2 | 35 | 610 | 0.28 | 3 | < 0.5 | 0.18 | 0.03 | 44 | 0.29 | < 0.05 | 0.10 | 0.04 | 5.45 | 1.40 | 23 | 56 |
| 1762 | 205 | 226 | 300 | < 0.01 | 1.6 | 15 | 510 | 0.11 | 3 | < 0.5 | 0.14 | 0.01 | 948 | 0.12 | < 0.05 | 0.04 | 0.02 | 4.95 | 0.65 | 27 | 30 |
| 1763 | 205 | 226 | 355 | 0.02 | 2.2 | 20 | 520 | 0.21 | 2 | < 0.5 | 0.38 | 0.03 | 145 | 2.49 | < 0.05 | 0.08 | 0.01 | 15.90 | 1.05 | 17 | 58 |
| 1764 | 205 | 226 | 405 | 0.04 | 3.8 | 22 | 480 | 0.17 | 2 | < 0.5 | 0.14 | 0.02 | 118 | 0.02 | < 0.05 | 0.08 | 0.01 | 46.5 | 0.95 | 16 | 58 |
| 1765 | 205 | 226 | 500 | 0.02 | 2.0 | 26 | 570 | 0.15 | 2 | < 0.5 | 0.14 | 0.01 | 75 | 0.07 | < 0.05 | 0.10 | 0.02 | 20.3 | 1.15 | 18 | 68 |
| 1766 | 205 | 226 | 375 | 0.14 | 0.8 | 16 | 400 | 0.18 | 1 | < 0.5 | 0.04 | 0.01 | 33 | 0.07 | < 0.05 | 0.02 | < 0.01 | 147.5 | 0.90 | 4 | 12 |
| 1767 | 205 | 226 | 165 | < 0.01 | 0.8 | 37 | 540 | 0.24 | 1 | < 0.5 | 0.06 | < 0.01 | 7 | 0.02 | < 0.05 | 0.06 | < 0.01 | 1.55 | 1.55 | 6 | 18 |
| 1768 | 205 | 226 | 230 | < 0.01 | 1.2 | 20 | 270 | 0.08 | 3 | < 0.5 | 0.06 | 0.01 | 283 | 0.06 | < 0.05 | 0.02 | < 0.01 | 4.10 | 0.65 | 7 | 32 |
| 1769 | 205 | 226 | 400 | < 0.01 | 1.2 | 23 | 320 | 0.12 | 3 | < 0.5 | 0.02 | 0.01 | 916 | 0.02 | < 0.05 | 0.02 | < 0.01 | 0.35 | 1.30 | 9 | 38 |
| 1770 | 205 | 226 | 155 | 0.01 | 9.4 | 26 | 2100 | 0.06 | < 1 | 1.5 | 0.38 | < 0.01 | 62 | 0.59 | < 0.05 | 0.02 | < 0.01 | 2.75 | 3.00 | 20 | 58 |
| 1771 | 205 | 226 | 415 | < 0.01 | 8.0 | 32 | 1350 | 0.21 | 2 | 2.5 | 0.24 | 0.01 | 67 | 1.17 | < 0.05 | 0.12 | 0.07 | 0.55 | 6.00 | 80 | 56 |
| 1772 | 205 | 226 | 370 | 0.01 | 19.6 | 46 | 730 | 0.18 | 2 | 1.5 | 0.30 | < 0.01 | 71 | 1.08 | < 0.05 | 0.12 | < 0.01 | 1.45 | 3.15 | 23 | 44 |
| 1773 | | | | | | | | | | | | | | | | | | | | | 60 |
| 1774 | | | | | | | | | | | | | | | | | | | | | 0 |
| 1775 | | | | | | | | | | | | | | | | | | | | | 0 |
| 1776 | | | | | | | | | | | | | | | | | | | | | 0 |
| 1777 | | | | | | | | | | | | | | | | | | | | | 6 |
| 1778 | 205 | 226 | 410 | 0.01 | 2.0 | 21 | 560 | 0.21 | 2 | < 0.5 | 0.20 | 0.02 | 141 | 0.02 | < 0.05 | 0.10 | 0.01 | 2.20 | 1.20 | 22 | 70 |
| 1779 | 205 | 226 | 600 | 0.01 | 3.0 | 21 | 590 | 0.20 | 2 | < 0.5 | 0.28 | 0.02 | 149 | 0.17 | < 0.05 | 0.08 | 0.01 | 1.20 | 0.95 | 17 | 80 |
| 1780 | 205 | 226 | 530 | 0.03 | 3.8 | 34 | 840 | 0.28 | 3 | 0.5 | 0.48 | 0.01 | 84 | 0.15 | < 0.05 | 0.10 | 0.01 | 0.30 | 1.65 | 25 | 136 |
| 2340 | 205 | 226 | 395 | 0.03 | 19.4 | 65 | 1290 | 0.25 | 1 | 4.5 | 0.68 | < 0.01 | 122 | 2.00 | 0.05 | 0.12 | < 0.01 | 8.70 | 3.95 | 46 | 256 |

CERTIFICATION: _____

# ALS Chemex

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## CERTIFICATE A0023791

(TNFA) - NEWMONT EXPLORATION LIMITED

Project: TAY-LP
P.O.#: 21341

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

## SAMPLE PREPARATION

| CHEMEX CODE | NUMBER SAMPLES | DESCRIPTION |
|---|---|---|
| 201 | 43 | Dry, sieve to -80 mesh |
| 202 | 43 | save reject |

* NOTE 1:

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

## ANALYTICAL PROCEDURES

| CHEMEX CODE | NUMBER SAMPLES | DESCRIPTION | METHOD | DETECTION LIMIT | UPPER LIMIT |
|---|---|---|---|---|---|
| 983 | 43 | Au ppb: Fuse 30 g sample | FA-AAS | 5 | 10000 |
| 9201 | 43 | Al %: ICP + ICP-MS package | ICP | 0.01 | 15.00 |
| 9202 | 43 | Sb ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.05 | 10000 |
| 9203 | 43 | As ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.1 | 10000 |
| 9204 | 43 | Ba ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.2 | 10000 |
| 9205 | 43 | Be ppm: ICP + ICP-MS package | ICP | 0.05 | 100.0 |
| 9206 | 43 | Bi ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.01 | 10000 |
| 9235 | 43 | B ppm: ICP + ICP-MS package | ICP | 10 | 10000 |
| 9207 | 43 | Cd ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.01 | 500 |
| 9208 | 43 | Ca %: ICP + ICP-MS package | ICP | 0.01 | 15.00 |
| 9209 | 43 | Cr ppm: ICP + ICP-MS package | ICP | 1 | 10000 |
| 9210 | 43 | Co ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.1 | 10000 |
| 9211 | 43 | Cu ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.2 | 10000 |
| 9212 | 43 | Ga ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.05 | 10000 |
| 9213 | 43 | Ge ppm: ICP + ICP-MS package | ICP-MS | 0.05 | 500.0 |
| 9214 | 43 | Fe %: ICP + ICP-MS package | ICP | 0.01 | 15.00 |
| 9215 | 43 | La ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.2 | 10000 |
| 9216 | 43 | Pb ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.2 | 10000 |
| 9217 | 43 | Mg %: ICP + ICP-MS package | ICP | 0.01 | 15.00 |
| 9218 | 43 | Mn ppm: ICP + ICP-MS package | ICP | 5 | 10000 |
| 9219 | 43 | Hg ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.01 | 10000 |
| 9220 | 43 | Mo ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.05 | 10000 |
| 9221 | 43 | Ni ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.5 | 10000 |
| 9222 | 43 | P ppm: ICP + ICP-MS package | ICP | 10 | 10000 |
| 9223 | 43 | K %: ICP + ICP-MS package | ICP | 0.01 | 10.00 |
| 9224 | 43 | Sc ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.1 | 10000 |
| 9237 | 43 | Se ppm: ICP + ICP-MS package | ICP-MS | 0.2 | 1000 |
| 9225 | 43 | Ag ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.01 | 100.0 |
| 9226 | 43 | Na %: ICP + ICP-MS package | ICP | 0.01 | 10.00 |
| 9227 | 43 | Sr ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.2 | 10000 |
| 9236 | 43 | S %: ICP + ICP-MS package | ICP | 0.01 | 5.00 |
| 9228 | 43 | Te ppm: ICP + ICP-MS package | ICP-MS | 0.01 | 500 |
| 9229 | 43 | Tl ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.02 | 10000 |
| 9230 | 43 | Ti %: ICP + ICP-MS package | ICP | 0.01 | 10.00 |
| 9231 | 43 | W ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.05 | 10000 |
| 9232 | 43 | U ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.05 | 10000 |
| 9233 | 43 | V ppm: ICP + ICP-MS package | ICP | 1 | 10000 |
| 9234 | 43 | Zn ppm: ICP + ICP-MS package | ICP | 2 | 10000 |

# ALS Chemex

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

10101 DRY CREEK RD.
ENGLEWOOD, COLORADO
80112, USA

Project : TAY-LP
Comments: ATTN: RICHARD GORTON CC: MIKE STAMMERS


Page Number : 1-A
Total Pages : 2
Certificate Date: 27-JUL-2000
Invoice No. : I0023791
P.O. Number : 21341
Account : TNFA


## CERTIFICATE OF ANALYSIS A0023791

| SAMPLE | PREP CODE | | Au ppb FA+AA | Al % | Sb ppm | As ppm | Ba ppm | Be ppm | Bi ppm | B ppm | Cd ppm | Ca % | Cr ppm | Co ppm | Cu ppm | Ga ppm | Ge ppm | Fe % | La ppm | Pb ppm | Mg % |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2972 | 201 | 202 | < 5 | 1.42 | 0.40 | 95.0 | 60.0 | 0.55 | 2.57 | < 10 | 0.26 | 0.25 | | | | | | | | | |
| 2973 | 201 | 202 | < 5 | 1.97 | 0.20 | 66.2 | 110.0 | 0.80 | 1.66 | < 10 | 0.28 | 0.51 | 27 | 12.4 | 21.2 | 5.00 | < 0.10 | 3.11 | 10.0 | 24.0 | 0.62 |
| 2974 | 201 | 202 | < 5 | 1.81 | 0.20 | 177.0 | 80.0 | 0.65 | 1.19 | < 10 | 0.18 | 0.64 | 26 | 8.8 | 16.2 | 4.40 | < 0.10 | 2.76 | 10.0 | 20.0 | 0.65 |
| 2975 | 201 | 202 | < 5 | 2.62 | < 0.10 | 188.5 | 90.0 | 1.10 | 0.76 | < 10 | 0.36 | 0.75 | 13 | 12.0 | 12.4 | 6.60 | < 0.10 | 2.90 | 10.0 | 8.0 | 0.88 |
| 2976 | 201 | 202 | < 5 | 1.76 | 0.30 | 289 | 60.0 | 0.60 | 2.07 | < 10 | 0.74 | 0.28 | 25 | 7.4 | 12.6 | 5.70 | < 0.10 | 3.27 | < 10.0 | 26.0 | 0.54 |
| 2977 | 201 | 202 | < 5 | 1.21 | 0.10 | 141.0 | 60.0 | 0.45 | 1.23 | < 10 | 0.28 | 0.19 | 14 | 3.8 | 11.0 | 4.20 | < 0.10 | 1.69 | 10.0 | 16.0 | 0.29 |
| 2978 | 201 | 202 | < 5 | 2.25 | 0.20 | 249 | 80.0 | 0.90 | 1.49 | < 10 | 0.16 | 0.26 | 30 | 9.6 | 21.8 | 5.60 | < 0.10 | 3.19 | 10.0 | 22.0 | 0.66 |
| 2979 | 201 | 202 | 105 | 1.11 | 0.10 | 77.4 | 50.0 | 0.25 | 0.74 | < 10 | 0.16 | 0.11 | 13 | 4.6 | 7.6 | 3.10 | < 0.10 | 1.76 | < 10.0 | 12.0 | 0.30 |
| 2980 | 201 | 202 | < 5 | 1.09 | 0.40 | 45.8 | 170.0 | 0.80 | 5.75 | < 10 | 7.16 | 0.10 | 14 | 8.6 | 12.4 | 3.70 | < 0.10 | 2.16 | < 10.0 | 60.0 | 0.18 |
| 2981 | 201 | 202 | < 5 | 1.03 | 0.50 | 341 | 60.0 | 0.90 | 22.1 | < 10 | 1.70 | 0.03 | 11 | 3.4 | 11.0 | 3.80 | < 0.10 | 2.39 | 10.0 | 48.0 | 0.11 |
| 2982 | 201 | 202 | < 5 | 0.83 | 0.30 | 27.0 | 60.0 | 0.60 | 3.85 | < 10 | 0.78 | 0.03 | 5 | 3.0 | 13.6 | 2.70 | < 0.10 | 1.24 | < 10.0 | 20.0 | 0.04 |
| 2983 | 201 | 202 | < 5 | 0.50 | 0.20 | 15.2 | 40.0 | 0.20 | 1.36 | < 10 | 0.88 | 0.03 | 3 | 1.4 | 8.0 | 2.40 | < 0.10 | 0.91 | < 10.0 | 8.0 | 0.03 |
| 2984 | 201 | 202 | < 5 | 0.99 | 0.60 | 181.0 | 60.0 | 0.45 | 3.23 | < 10 | 0.52 | 0.03 | 9 | 3.0 | 9.4 | 4.30 | < 0.10 | 1.99 | 10.0 | 30.0 | 0.14 |
| 2985 | 201 | 202 | < 5 | 0.65 | 0.40 | 106.0 | 30.0 | 0.30 | 2.53 | < 10 | 0.68 | 0.19 | 9 | 2.6 | 6.6 | 2.60 | < 0.10 | 1.47 | < 10.0 | 18.0 | 0.20 |
| 2986 | 201 | 202 | < 5 | 2.17 | 0.40 | 316 | 70.0 | 1.65 | 1.97 | < 10 | 0.90 | 0.33 | 26 | 9.2 | 23.0 | 6.30 | < 0.10 | 3.90 | 10.0 | 16.0 | 0.99 |
| 2987 | 201 | 202 | 10 | 1.59 | 0.50 | 203 | 60.0 | 4.10 | 2.27 | < 10 | 5.42 | 0.57 | 15 | 10.0 | 37.8 | 3.30 | < 0.10 | 2.69 | 30.0 | 44.0 | 0.44 |
| 2988 | 201 | 202 | < 5 | 1.08 | 0.50 | 56.8 | 60.0 | 0.30 | 1.35 | < 10 | 0.46 | 0.06 | 14 | 5.4 | 11.2 | 4.80 | < 0.10 | 3.33 | < 10.0 | 26.0 | 0.36 |
| 2989 | 201 | 202 | < 5 | 0.53 | 1.80 | 20.2 | 30.0 | 0.20 | 0.33 | < 10 | 0.12 | 5.45 | 7 | 8.0 | 22.4 | 1.20 | < 0.10 | 2.50 | 10.0 | 10.0 | 3.15 |
| 2990 | 201 | 202 | < 5 | 1.08 | 0.80 | 11.2 | 80.0 | 0.25 | 0.46 | < 10 | 0.14 | 0.49 | 13 | 8.6 | 17.4 | 2.40 | < 0.10 | 2.81 | 10.0 | 14.0 | 0.38 |
| 2991 | 201 | 202 | < 5 | 1.45 | 0.50 | 13.8 | 130.0 | 0.50 | 0.49 | < 10 | 0.20 | 0.55 | 23 | 10.0 | 14.2 | 4.90 | < 0.10 | 3.16 | 10.0 | 22.0 | 0.63 |
| 2992 | 201 | 202 | < 5 | 1.67 | 0.50 | 14.4 | 170.0 | 0.55 | 0.46 | < 10 | 0.34 | 0.36 | 22 | 9.2 | 21.4 | 4.20 | < 0.10 | 3.01 | 10.0 | 20.0 | 0.57 |
| 2993 | 201 | 202 | < 5 | 1.43 | 0.60 | 17.2 | 230.0 | 0.40 | 0.51 | < 10 | 0.28 | 2.28 | 17 | 11.4 | 24.2 | 3.30 | < 0.10 | 2.97 | 10.0 | 20.0 | 1.20 |
| 2994 | 201 | 202 | < 5 | 1.60 | 0.30 | 16.4 | 140.0 | 0.40 | 0.54 | < 10 | 0.20 | 0.54 | 23 | 10.8 | 13.2 | 4.10 | < 0.10 | 3.00 | 10.0 | 16.0 | 0.67 |
| 2995 | 201 | 202 | < 5 | 1.88 | 0.50 | 27.2 | 140.0 | 0.50 | 0.75 | < 10 | 0.30 | 0.73 | 27 | 11.0 | 21.0 | 4.40 | < 0.10 | 3.43 | 10.0 | 24.0 | 0.86 |
| 2996 | 201 | 202 | < 5 | 1.61 | 1.20 | 14.2 | 60.0 | 0.30 | 0.61 | < 10 | 0.14 | 0.25 | 20 | 13.2 | 42.4 | 3.60 | < 0.10 | 3.89 | 20.0 | 12.0 | 0.67 |
| 2997 | 201 | 202 | < 5 | 0.33 | 0.50 | 9.2 | 10.0 | 0.05 | 0.18 | < 10 | 0.02 | 0.01 | 4 | 4.0 | 22.6 | 2.50 | < 0.10 | 1.41 | 10.0 | 2.0 | 0.03 |
| 2998 | 201 | 202 | < 5 | 1.63 | 0.70 | 37.2 | 120.0 | 0.40 | 0.74 | < 10 | 0.12 | 0.04 | 18 | 8.8 | 31.6 | 3.30 | < 0.10 | 4.10 | 10.0 | 16.0 | 0.42 |
| 2999 | 201 | 202 | < 5 | 0.25 | 0.10 | 3.4 | 20.0 | < 0.05 | 0.05 | < 10 | 0.02 | 0.02 | 2 | 0.8 | 5.0 | 1.30 | < 0.10 | 0.44 | < 10.0 | < 2.0 | 0.03 |
| 3000 | 201 | 202 | < 5 | 0.42 | 0.40 | 4.2 | 50.0 | 0.05 | 0.13 | < 10 | 0.02 | < 0.01 | 3 | 3.4 | 20.4 | 1.80 | < 0.10 | 1.49 | 20.0 | 2.0 | 0.01 |

CERTIFICATION: _____

# ALS Chemex

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To: NEWMONT EXPLORATION LIMITED

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ENGLEWOOD, COLORADO
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Project : TAY-LP
Comments: ATTN: RICHARD GORTON CC: MIKE STAMMERS

Page Number :1-B
Total Pages :2
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Invoice No. : I0023791
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## CERTIFICATE OF ANALYSIS A0023791

| SAMPLE | PREP CODE | | Mn ppm | Hg ppm | Mo ppm | Ni ppm | P ppm | K % | Sc ppm | Se ppm | Ag ppm | Na % | Sr ppm | S % | Te ppm | Tl ppm | Ti % | W ppm | U ppm | V ppm | Zn ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2972 | 201 | 202 | 280 | < 0.01 | 1.00 | 20.0 | 580 | 0.06 | 1.0 | < 0.5 | 0.20 | 0.01 | 18.0 | < 0.01 | < 0.05 | 0.08 | 0.02 | 1.50 | 1.95 | 18 | 84 |
| 2973 | 201 | 202 | 590 | 0.03 | 1.00 | 25.0 | 570 | 0.06 | 2.0 | < 0.5 | 0.24 | 0.01 | 46.0 | 0.03 | < 0.05 | 0.08 | 0.03 | 0.90 | 17.80 | 26 | 90 |
| 2974 | 201 | 202 | 490 | 0.04 | 0.80 | 23.0 | 610 | 0.10 | 3.0 | < 0.5 | 0.32 | 0.03 | 64.0 | 0.02 | < 0.05 | 0.10 | 0.05 | 5.15 | 17.50 | 22 | 60 |
| 2975 | 201 | 202 | 775 | 0.03 | 1.00 | 7.0 | 450 | 0.13 | 5.0 | < 0.5 | 0.28 | 0.07 | 70.0 | 0.03 | < 0.05 | 0.12 | 0.09 | 1.60 | 19.05 | 66 | 84 |
| 2976 | 201 | 202 | 280 | 0.03 | 1.20 | 20.0 | 400 | 0.12 | 1.0 | < 0.5 | 0.50 | 0.01 | 33.0 | 0.02 | < 0.05 | 0.08 | 0.03 | 1.35 | 2.75 | 27 | 272 |
| 2977 | 201 | 202 | 115 | 0.04 | 0.80 | 11.0 | 450 | 0.09 | < 1.0 | < 0.5 | 0.40 | 0.01 | 28.0 | 0.03 | < 0.05 | 0.08 | 0.01 | 0.80 | 5.50 | 16 | 64 |
| 2978 | 201 | 202 | 425 | 0.02 | 1.00 | 26.0 | 670 | 0.10 | 2.0 | < 0.5 | 0.36 | 0.01 | 41.0 | 0.01 | < 0.05 | 0.12 | 0.03 | 1.20 | 16.40 | 27 | 122 |
| 2979 | 201 | 202 | 145 | 0.03 | 0.40 | 14.0 | 450 | 0.08 | < 1.0 | < 0.5 | 0.18 | 0.02 | 19.0 | 0.01 | < 0.05 | 0.08 | 0.02 | 1.45 | 2.15 | 16 | 40 |
| 2980 | 201 | 202 | 3030 | 0.03 | 1.60 | 10.0 | 870 | 0.08 | < 1.0 | < 0.5 | 0.28 | 0.01 | 20.0 | 0.05 | < 0.05 | 0.06 | 0.02 | 1.25 | 2.35 | 22 | 336 |
| 2981 | 201 | 202 | 465 | 0.01 | 3.60 | 9.0 | 760 | 0.06 | < 1.0 | < 0.5 | 0.46 | 0.01 | 17.0 | 0.05 | 0.05 | 0.08 | < 0.01 | 1.75 | 8.35 | 20 | 162 |
| 2982 | 201 | 202 | 210 | 0.03 | 0.80 | 6.0 | 680 | 0.03 | < 1.0 | < 0.5 | 0.60 | 0.01 | 7.0 | 0.04 | < 0.05 | 0.04 | < 0.01 | 0.55 | 12.75 | 11 | 54 |
| 2983 | 201 | 202 | 110 | < 0.01 | 0.40 | 3.0 | 400 | 0.03 | < 1.0 | < 0.5 | 0.06 | 0.01 | 5.0 | 0.01 | < 0.05 | 0.04 | < 0.01 | 0.35 | 1.15 | 13 | 38 |
| 2984 | 201 | 202 | 110 | 0.01 | 1.20 | 10.0 | 440 | 0.05 | < 1.0 | < 0.5 | 0.44 | 0.01 | 8.0 | 0.01 | < 0.05 | 0.10 | 0.02 | 1.10 | 2.80 | 25 | 80 |
| 2985 | 201 | 202 | 110 | 0.01 | 0.80 | 8.0 | 280 | 0.07 | < 1.0 | < 0.5 | 0.20 | 0.01 | 15.0 | 0.01 | < 0.05 | 0.04 | 0.01 | 1.90 | 1.65 | 16 | 66 |
| 2986 | 201 | 202 | 1015 | 0.03 | 1.00 | 19.0 | 450 | 0.07 | 2.0 | < 0.5 | 0.52 | 0.02 | 30.0 | 0.01 | < 0.05 | 0.10 | 0.06 | 3.60 | 23.3 | 32 | 282 |
| 2987 | 201 | 202 | 925 | 0.04 | 1.20 | 27.0 | 1080 | 0.07 | 1.0 | 0.5 | 1.24 | 0.01 | 37.0 | 0.04 | < 0.05 | 0.08 | 0.01 | 1.15 | 37.4 | 18 | 510 |
| 2988 | 201 | 202 | 300 | 0.01 | 1.80 | 15.0 | 1040 | 0.04 | 1.0 | < 0.5 | 0.18 | 0.01 | 8.0 | < 0.01 | < 0.05 | 0.04 | 0.03 | 0.50 | 0.90 | 31 | 88 |
| 2989 | 201 | 202 | 315 | 0.03 | 6.20 | 39.0 | 1250 | 0.03 | 1.0 | 0.5 | 0.38 | 0.01 | 45.0 | < 0.01 | < 0.05 | 0.02 | < 0.01 | 0.35 | 0.80 | 21 | 30 |
| 2990 | 201 | 202 | 360 | 0.03 | 1.80 | 25.0 | 530 | 0.05 | 1.0 | < 0.5 | 0.14 | 0.01 | 15.0 | 0.02 | < 0.05 | 0.04 | 0.01 | 0.25 | 0.80 | 16 | 44 |
| 2991 | 201 | 202 | 515 | 0.03 | 1.80 | 23.0 | 380 | 0.08 | 1.0 | < 0.5 | 0.12 | 0.01 | 18.0 | 0.02 | < 0.05 | 0.04 | 0.03 | 0.30 | 1.10 | 28 | 70 |
| 2992 | 201 | 202 | 385 | 0.03 | 1.40 | 26.0 | 620 | 0.07 | 2.0 | < 0.5 | 0.10 | 0.01 | 19.0 | 0.03 | < 0.05 | 0.06 | 0.02 | 0.30 | 1.20 | 24 | 98 |
| 2993 | 201 | 202 | 1005 | 0.07 | 1.20 | 27.0 | 930 | 0.05 | 1.0 | 0.5 | 0.24 | 0.01 | 43.0 | 0.06 | < 0.05 | 0.04 | 0.01 | 0.30 | 2.75 | 20 | 66 |
| 2994 | 201 | 202 | 555 | 0.01 | 1.20 | 25.0 | 590 | 0.10 | 2.0 | < 0.5 | 0.12 | 0.03 | 29.0 | 0.03 | < 0.05 | 0.08 | 0.03 | 0.30 | 1.20 | 24 | 80 |
| 2995 | 201 | 202 | 405 | 0.03 | 1.40 | 31.0 | 840 | 0.09 | 3.0 | < 0.5 | 0.22 | 0.02 | 35.0 | 0.03 | < 0.05 | 0.08 | 0.03 | 0.30 | 1.55 | 26 | 116 |
| 2996 | 201 | 202 | 445 | 0.01 | 3.20 | 52.0 | 1080 | 0.09 | 2.0 | 0.5 | 0.18 | 0.01 | 17.0 | < 0.01 | < 0.05 | 0.06 | 0.01 | 0.15 | 1.15 | 19 | 76 |
| 2997 | 201 | 202 | 70 | < 0.01 | 2.40 | 24.0 | 410 | 0.01 | < 1.0 | 0.5 | 0.12 | 0.01 | 3.0 | < 0.01 | < 0.05 | 0.02 | < 0.01 | 0.05 | 0.60 | 20 | 14 |
| 2998 | 201 | 202 | 145 | 0.04 | 3.60 | 42.0 | 740 | 0.04 | 1.0 | 0.5 | 0.24 | < 0.01 | 10.0 | 0.01 | < 0.05 | 0.04 | < 0.01 | 0.20 | 1.10 | 26 | 50 |
| 2999 | 201 | 202 | 15 | 0.01 | 0.80 | 5.0 | 270 | 0.01 | < 1.0 | < 0.5 | 0.74 | 0.01 | 4.0 | 0.01 | < 0.05 | < 0.02 | < 0.01 | < 0.05 | 0.25 | 8 | 4 |
| 3000 | 201 | 202 | 80 | 0.01 | 3.40 | 28.0 | 330 | 0.01 | < 1.0 | < 0.5 | 0.40 | < 0.01 | 3.0 | < 0.01 | < 0.05 | 0.04 | < 0.01 | 0.15 | 0.65 | 16 | 14 |

CERTIFICATION: _____

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## CERTIFICATE OF ANALYSIS A0023791

| SAMPLE | PREP CODE | | Au ppb FA+AA | Al % | Sb ppm | As ppm | Ba ppm | Be ppm | Bi ppm | B ppm | Cd ppm | Ca % | Cr ppm | Co ppm | Cu ppm | Ga ppm | Ge ppm | Fe % | La ppm | Pb ppm | Mg % |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3450 | 201 | 202 | < 5 | 2.79 | 1.90 | 60.8 | 120.0 | 0.70 | 1.74 | < 10 | 0.22 | 0.23 | 36 | 14.6 | 24.2 | 7.40 | < 0.10 | 4.40 | 10.0 | 32.0 | 1.46 |
| 3751 | 201 | 202 | < 5 | 0.83 | 3.90 | 22.2 | 80.0 | 0.20 | 0.51 | < 10 | 0.20 | 0.10 | 10 | 8.6 | 68.7 | 3.30 | < 0.10 | 3.62 | 10.0 | 20.0 | 0.15 |
| 3752 | 201 | 202 | < 5 | 0.86 | 0.90 | 48.0 | 130.0 | 0.30 | 2.37 | < 10 | 9.22 | 0.42 | 12 | 9.8 | 57.4 | 2.30 | < 0.10 | 2.49 | 10.0 | 30.0 | 0.19 |

CERTIFICATION: _____

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Certificate Date: 27-JUL-2000
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## CERTIFICATE OF ANALYSIS A0023791

| SAMPLE | PREP CODE | | Mn ppm | Hg ppm | Mo ppm | Ni ppm | P ppm | K % | Sc ppm | Se ppm | Ag ppm | Na % | Sr ppm | S % | Te ppm | Tl ppm | Ti % | W ppm | U ppm | V ppm | Zn ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3450 | 201 | 202 | 725 | 0.01 | 4.40 | 36.0 | 530 | 0.10 | 3.0 | < 0.5 | 0.10 | 0.01 | 19.0 | 0.02 | < 0.05 | 0.14 | 0.06 | 0.40 | 1.55 | 50 | 96 |
| 3751 | 201 | 202 | 590 | 0.04 | 5.00 | 27.0 | 900 | 0.03 | < 1.0 | < 0.5 | 0.28 | 0.01 | 9.0 | 0.01 | < 0.05 | 0.06 | 0.01 | 0.35 | 1.20 | 28 | 44 |
| 3752 | 201 | 202 | 980 | 0.07 | 8.40 | 63.0 | 890 | 0.04 | 1.0 | 1.0 | 1.44 | 0.01 | 20.0 | 0.03 | < 0.05 | 0.04 | 0.01 | 0.30 | 2.00 | 34 | 184 |

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To: NEWMONT EXPLORATION LIMITED

10101 DRY CREEK RD.
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80112, USA

A0024239

Comments: ATTN: RICHARD GORTON CC: MIKE STAMMERS

## CERTIFICATE A0024239

(TNFA) - NEWMONT EXPLORATION LIMITED

Project: TAY-LP
P.O. # : 21341

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

## SAMPLE PREPARATION

| CHEMEX CODE | NUMBER SAMPLES | DESCRIPTION |
|---|---|---|
| 205 | 6 | Geochem ring to approx 150 mesh |
| 226 | 6 | 0-3 Kg crush and split |
| 3202 | 6 | Rock - save entire reject |

* NOTE 1:

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

## ANALYTICAL PROCEDURES 1 of 2

| CHEMEX CODE | NUMBER SAMPLES | DESCRIPTION | METHOD | DETECTION LIMIT | UPPER LIMIT |
|---|---|---|---|---|---|
| 983 | 6 | Au ppb: Fuse 30 g sample | FA-AAS | 5 | 10000 |
| 9201 | 6 | Al %: ICP + ICP-MS package | ICP | 0.01 | 15.00 |
| 9202 | 6 | Sb ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.05 | 10000 |
| 9203 | 6 | As ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.1 | 10000 |
| 9204 | 6 | Ba ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.2 | 10000 |
| 9205 | 6 | Be ppm: ICP + ICP-MS package | ICP | 0.05 | 100.0 |
| 9206 | 6 | Bi ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.01 | 10000 |
| 9235 | 6 | B ppm: ICP + ICP-MS package | ICP | 10 | 10000 |
| 9207 | 6 | Cd ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.01 | 500 |
| 9208 | 6 | Ca %: ICP + ICP-MS package | ICP | 0.01 | 15.00 |
| 9209 | 6 | Cr ppm: ICP + ICP-MS package | ICP | 1 | 10000 |
| 9210 | 6 | Co ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.1 | 10000 |
| 9211 | 6 | Cu ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.2 | 10000 |
| 9212 | 6 | Ga ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.05 | 10000 |
| 9213 | 6 | Ge ppm: ICP + ICP-MS package | ICP-MS | 0.05 | 500.0 |
| 9214 | 6 | Fe %: ICP + ICP-MS package | ICP | 0.01 | 15.00 |
| 9215 | 6 | La ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.2 | 10000 |
| 9216 | 6 | Pb ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.2 | 10000 |
| 9217 | 6 | Mg %: ICP + ICP-MS package | ICP | 0.01 | 15.00 |
| 9218 | 6 | Mn ppm: ICP + ICP-MS package | ICP | 5 | 10000 |
| 9219 | 6 | Hg ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.01 | 10000 |
| 9220 | 6 | Mo ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.05 | 10000 |
| 9221 | 6 | Ni ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.5 | 10000 |
| 9222 | 6 | P ppm: ICP + ICP-MS package | ICP | 10 | 10000 |
| 9223 | 6 | K %: ICP + ICP-MS package | ICP | 0.01 | 10.00 |
| 9224 | 6 | Sc ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.1 | 10000 |
| 9237 | 6 | Se ppm: ICP + ICP-MS package | ICP-MS | 0.2 | 1000 |
| 9225 | 6 | Ag ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.01 | 100.0 |
| 9226 | 6 | Na %: ICP + ICP-MS package | ICP | 0.01 | 10.00 |
| 9227 | 6 | Sr ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.2 | 10000 |
| 9236 | 6 | S %: ICP + ICP-MS package | ICP | 0.01 | 5.00 |
| 9228 | 6 | Te ppm: ICP + ICP-MS package | ICP-MS | 0.01 | 500 |
| 9229 | 6 | Tl ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.02 | 10000 |
| 9230 | 6 | Ti %: ICP + ICP-MS package | ICP | 0.01 | 10.00 |
| 9231 | 6 | W ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.05 | 10000 |
| 9232 | 6 | U ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.05 | 10000 |
| 9233 | 6 | V ppm: ICP + ICP-MS package | ICP | 1 | 10000 |

# ALS Chemex

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


To: NEWMONT EXPLORATION LIMITED

10101 DRY CREEK RD.
ENGLEWOOD, COLORADO
80112, USA

A0024239

Comments: ATTN: RICHARD GORTON CC: MIKE STAMMERS

## CERTIFICATE A0024239

(TNFA) - NEWMONT EXPLORATION LIMITED

Project: TAY-LP
P.O.#: 21341

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

## SAMPLE PREPARATION

| CHEMEX CODE | NUMBER SAMPLES | DESCRIPTION |
|---|---|---|
| 205 | 6 | Geochem ring to approx 150 mesh |
| 226 | 6 | 0-3 Kg crush and split |
| 3202 | 6 | Rock - save entire reject |

* NOTE 1:

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

## ANALYTICAL PROCEDURES 2 of 2

| CHEMEX CODE | NUMBER SAMPLES | DESCRIPTION | METHOD | DETECTION LIMIT | UPPER LIMIT |
|---|---|---|---|---|---|
| 9234 | 6 | Zn ppm: ICP + ICP-MS package | ICP | 2 | 10000 |

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80112, USA

Project : TAY-LP
Comments: ATTN: RICHARD GORTON CC: MIKE STAMMERS

Page Number :1-A
Total Pages :1
Certificate Date: 01-AUG-2000
Invoice No. :I0024239
P.O. Number :21341
Account :TNFA

## CERTIFICATE OF ANALYSIS A0024239

| SAMPLE | PREP CODE | | Au ppb FA+AA | Al % | Sb ppm | As ppm | Ba ppm | Be ppm | Bi ppm | B ppm | Cd ppm | Ca % | Cr ppm | Co ppm | Cu ppm | Ga ppm | Ge ppm | Fe % | La ppm | Pb ppm | Mg % |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0536 | 205 | 226 | < 5 | 0.02 | 5.50 | 4.4 | 40.0 | < 0.05 | 0.17 | 30 | 0.26 | 5.96 | 121 | 0.8 | 4.0 | 0.10 | < 0.10 | 0.38 | < 10.0 | 2600 | 3.88 |
| 0537 | | | | | | | | | | | | | | | | | | | | | |
| 0538 | 205 | 226 | 820 | 1.92 | 0.20 | 11.0 | | | | < 10 | 0.02 | 1.24 | 126 | 20.6 | 308 | 4.70 | < 0.10 | 4.70 | < 10.0 | 10.0 | 0.54 |
| 0539 | 205 | 226 | 15 | 0.26 | 0.50 | 1370 | 40.0 | 0.25 | 20.1 | 30 | 0.16 | 0.04 | 120 | 0.8 | 3.6 | 0.70 | < 0.10 | 1.20 | < 10.0 | 924.0 | 0.01 |
| 2499 | 205 | 226 | 110 | 0.03 | 2.50 | 584 | < 10.0 | < 0.05 | 102.5 | 30 | 0.12 | < 0.01 | 142 | 1.6 | 55.5 | 0.20 | < 0.10 | 5.50 | < 10.0 | 3650 | 0.03 |
| 2500 | 205 | 226 | 15 | 0.07 | 6.00 | 40.0 | 540.0 | < 0.50 | < 2.00 | 30 | 45.0 | 0.16 | 124 | 6.0 | 73.0 | 10.00 | Minrlzd | 8.80 | < 10.0 | 9300 | 1.16 |

CERTIFICATION: _____ *+

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To: NEWMONT EXPLORATION LIMITED

10101 DRY CREEK RD.
ENGLEWOOD, COLORADO
80112, USA

Project : TAY-LP
Comments: ATTN: RICHARD GORTON CC: MIKE STAMMERS

Page Number :1-B
Total Pages :1
Certificate Date: 01-AUG-2000
Invoice No. :I0024239
P.O. Number :21341
Account :TNFA

## CERTIFICATE OF ANALYSIS A0024239

| SAMPLE | PREP CODE | | Mn ppm | Hg ppm | Mo ppm | Ni ppm | P ppm | K % | Sc ppm | Se ppm | Ag ppm | Na % | Sr ppm | S % | Te ppm | Tl ppm | Ti % | W ppm | U ppm | V ppm | Zn ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0536 | 205 | 226 | 425 | 0.03 | 1.00 | 3.0 | 40 | < 0.01 | < 1.0 | 2.0 | 4.76 | < 0.01 | 109.0 | 0.07 | < 0.05 | < 0.02 | < 0.01 | 0.25 | 0.15 | 3 | 76 |
| 05.. | | | | | | | | | | | | | | | | | | | | | 2 |
| 0538 | 205 | 226 | 105 | < 0.01 | 0.80 | 21.0 | 290 | 0.33 | 3.0 | < 0.5 | 0.26 | 0.13 | 133.0 | 2.07 | 1.00 | 0.12 | 0.08 | 0.70 | 0.80 | 19 | 18 |
| 0539 | 205 | 226 | 50 | < 0.01 | 0.40 | 2.0 | 160 | 0.24 | < 1.0 | < 0.5 | 7.64 | 0.04 | 13.0 | 0.18 | 0.10 | 0.06 | < 0.01 | 0.35 | 1.35 | 1 | 30 |
| 2499 | 205 | 226 | 735 | < 0.01 | 0.80 | 4.0 | < 10 | 0.03 | < 1.0 | 0.5 | 26.3 | < 0.01 | 1.0 | 0.09 | < 0.05 | < 0.02 | < 0.01 | 8.90 | 0.80 | < 1 | 46 |
| 2500 | 205 | 226 | >10000 | < 1.00 | 1.00 | 13.0 | 130 | 0.04 | 2.0 | Minrlzd | 12.60 | < 0.01 | 13.0 | 0.27 | Minrlzd | < 10.00 | < 0.01 | < 10.00 | < 10.00 | 17 | 4100 |

CERTIFICATION: _____

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To: NEWMONT EXPLORATION LIMITED

10101 DRY CREEK RD.
ENGLEWOOD, COLORADO
80112, USA

A0024264

Comments: ATTN: RICHARD GORTON CC: MIKE STAMMERS

## CERTIFICATE A0024264

(TNFA) - NEWMONT EXPLORATION LIMITED

Project: TAY-LP
P.O. # : 21341

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

## SAMPLE PREPARATION

| CHEMEX CODE | NUMBER SAMPLES | DESCRIPTION |
|---|---|---|
| 201 | 70 | Dry, sieve to -80 mesh |
| 202 | 70 | save reject |
| 214 | 1 | Rcvd as pulp; mesh size checked |

* NOTE 1:

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

## ANALYTICAL PROCEDURES 1 of 2

| CHEMEX CODE | NUMBER SAMPLES | DESCRIPTION | METHOD | DETECTION LIMIT | UPPER LIMIT |
|---|---|---|---|---|---|
| 983 | 71 | Au ppb: Fuse 30 g sample | FA-AAS | 5 | 10000 |
| 9201 | 71 | Al %: ICP + ICP-MS package | ICP | 0.01 | 15.00 |
| 9202 | 71 | Sb ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.05 | 10000 |
| 9203 | 71 | As ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.1 | 10000 |
| 9204 | 71 | Ba ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.2 | 10000 |
| 9205 | 71 | Be ppm: ICP + ICP-MS package | ICP | 0.05 | 100.0 |
| 9206 | 71 | Bi ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.01 | 10000 |
| 9235 | 71 | B ppm: ICP + ICP-MS package | ICP | 10 | 10000 |
| 9207 | 71 | Cd ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.01 | 500 |
| 9208 | 71 | Ca %: ICP + ICP-MS package | ICP | 0.01 | 15.00 |
| 9209 | 71 | Cr ppm: ICP + ICP-MS package | ICP | 1 | 10000 |
| 9210 | 71 | Co ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.1 | 10000 |
| 9211 | 71 | Cu ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.2 | 10000 |
| 9212 | 71 | Ga ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.05 | 10000 |
| 9213 | 71 | Ge ppm: ICP + ICP-MS package | ICP-MS | 0.05 | 500.0 |
| 9214 | 71 | Fe %: ICP + ICP-MS package | ICP | 0.01 | 15.00 |
| 9215 | 71 | La ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.2 | 10000 |
| 9216 | 71 | Pb ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.2 | 10000 |
| 9217 | 71 | Mg %: ICP + ICP-MS package | ICP | 0.01 | 15.00 |
| 9218 | 71 | Mn ppm: ICP + ICP-MS package | ICP | 5 | 10000 |
| 9219 | 71 | Hg ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.01 | 10000 |
| 9220 | 71 | Mo ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.05 | 10000 |
| 9221 | 71 | Ni ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.5 | 10000 |
| 9222 | 71 | P ppm: ICP + ICP-MS package | ICP | 10 | 10000 |
| 9223 | 71 | K %: ICP + ICP-MS package | ICP | 0.01 | 10.00 |
| 9224 | 71 | Sc ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.1 | 10000 |
| 9237 | 71 | Se ppm: ICP + ICP-MS package | ICP-MS | 0.2 | 1000 |
| 9225 | 71 | Ag ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.01 | 100.0 |
| 9226 | 71 | Na %: ICP + ICP-MS package | ICP | 0.01 | 10.00 |
| 9227 | 71 | Sr ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.2 | 10000 |
| 9236 | 71 | S %: ICP + ICP-MS package | ICP | 0.01 | 5.00 |
| 9228 | 71 | Te ppm: ICP + ICP-MS package | ICP-MS | 0.01 | 500 |
| 9229 | 71 | Tl ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.02 | 10000 |
| 9230 | 71 | Ti %: ICP + ICP-MS package | ICP | 0.01 | 10.00 |
| 9231 | 71 | W ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.05 | 10000 |
| 9232 | 71 | U ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.05 | 10000 |
| 9233 | 71 | V ppm: ICP + ICP-MS package | ICP | 1 | 10000 |

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To: NEWMONT EXPLORATION LIMITED

10101 DRY CREEK RD.
ENGLEWOOD, COLORADO
80112, USA

A0024264

Comments: ATTN: RICHARD GORTON CC: MIKE STAMMERS

## CERTIFICATE A0024264

(TNFA) - NEWMONT EXPLORATION LIMITED

Project: TAY-LP
P.O. # : 21341

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

## SAMPLE PREPARATION

| CHEMEX CODE | NUMBER SAMPLES | DESCRIPTION |
|---|---|---|
| 201 | 70 | Dry, sieve to -80 mesh |
| 202 | 70 | save reject |
| 214 | 1 | Rcvd as pulp; mesh size checked |

* NOTE 1:

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

## ANALYTICAL PROCEDURES 2 of 2

| CHEMEX CODE | NUMBER SAMPLES | DESCRIPTION | METHOD | DETECTION LIMIT | UPPER LIMIT |
|---|---|---|---|---|---|
| 9234 | 71 | Zn ppm: ICP + ICP-MS package | ICP | 2 | 10000 |

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To: NEWMONT EXPLORATION LIMITED

10101 DRY CREEK RD.
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80112, USA

Project : TAY-LP
Comments: ATTN: RICHARD GORTON CC: MIKE STAMMERS


Certificate Date: 01-AUG-2000
Invoice No. :I0024264
P.O. Number :21341
Account :TNFA

## CERTIFICATE OF ANALYSIS A0024264

| SAMPLE | PREP CODE | | Au ppb FA+AA | Al % | Sb ppm | As ppm | Ba ppm | Be ppm | Bi ppm | B ppm | Cd ppm | Ca % | Cr ppm | Co ppm | Cu ppm | Ga ppm | Ge ppm | Fe % | La ppm | Pb ppm | Mg % |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2865 | 201 | 202 | 40 | 3.22 | 0.60 | 36.4 | 130.0 | 0.65 | 1.31 | < 10 | 0.22 | 0.96 | 37 | 12.2 | 17.2 | 8.00 | < 0.10 | 3.24 | 10.0 | 24.0 | 1.27 |
| 2866 | 201 | 202 | < 5 | 1.15 | 1.10 | 81.6 | 50.0 | 0.30 | 1.09 | < 10 | 0.38 | 6.56 | 14 | 8.4 | 19.8 | 3.20 | < 0.10 | 2.23 | 10.0 | 30.0 | 1.90 |
| 2867 | 201 | 202 | < 5 | 2.05 | 1.10 | 45.0 | 140.0 | 0.75 | 0.93 | < 10 | 0.50 | 1.31 | 29 | 13.0 | 29.0 | 5.30 | < 0.10 | 3.39 | 10.0 | 28.0 | 1.35 |
| 2868 | 201 | 202 | < 5 | 1.77 | 1.70 | 83.6 | 110.0 | 0.55 | 0.96 | < 10 | 1.32 | 0.95 | 24 | 13.6 | 22.4 | 4.70 | < 0.10 | 3.36 | 10.0 | 36.0 | 1.09 |
| 2869 | 201 | 202 | < 5 | 1.52 | 1.40 | 60.8 | 140.0 | 0.40 | 0.93 | < 10 | 0.42 | 0.77 | 14 | 8.0 | 30.4 | 3.90 | < 0.10 | 2.58 | 10.0 | 34.0 | 0.56 |
| 2870 | 201 | 202 | < 5 | 1.52 | 3.20 | 166.0 | 80.0 | 0.35 | 1.03 | < 10 | 0.54 | 0.64 | 19 | 12.6 | 26.4 | 3.50 | < 0.10 | 3.35 | 10.0 | 44.0 | 0.98 |
| 2871 | 201 | 202 | < 5 | 0.89 | 7.00 | 1170 | 100.0 | 0.45 | 0.96 | < 10 | 1.20 | 1.90 | 9 | 14.4 | 32.2 | 2.00 | < 0.10 | 3.11 | 10.0 | 124.0 | 0.37 |
| 2872 | 201 | 202 | 30 | 0.88 | 15.00 | 3450 | 110.0 | 0.70 | 1.40 | < 10 | 1.02 | 0.85 | 11 | 32.8 | 68.5 | 1.80 | < 0.10 | 7.48 | 20.0 | 52.0 | 0.33 |
| 2873 | 201 | 202 | < 5 | 1.52 | 7.90 | 644 | 110.0 | 0.85 | 1.03 | < 10 | 0.52 | 0.89 | 25 | 14.6 | 33.6 | 3.70 | < 0.10 | 4.02 | 20.0 | 62.0 | 0.82 |
| 2874 | 201 | 202 | < 5 | 1.39 | 3.50 | 159.0 | 120.0 | 0.45 | 0.60 | < 10 | 1.12 | 1.24 | 21 | 9.2 | 20.2 | 3.50 | < 0.10 | 2.99 | 20.0 | 50.0 | 0.80 |
| 2875 | 201 | 202 | < 5 | 0.50 | 7.80 | 58.8 | 60.0 | 0.55 | 1.37 | < 10 | 0.68 | 0.66 | 6 | 10.2 | 31.2 | 1.40 | 0.10 | 3.63 | 40.0 | 42.0 | 0.14 |
| 2876 | 201 | 202 | 15 | 0.93 | 10.20 | 570 | 80.0 | 0.40 | 0.35 | < 10 | 0.56 | 0.80 | 12 | 28.2 | 64.5 | 2.30 | < 0.10 | 5.48 | 20.0 | 42.0 | 0.55 |
| 2877 | 201 | 202 | < 5 | 0.88 | 2.00 | 65.8 | 110.0 | 0.40 | 0.40 | < 10 | 2.04 | 1.29 | 12 | 9.8 | 37.8 | 2.10 | < 0.10 | 2.26 | 10.0 | 42.0 | 0.42 |
| 2878 | 201 | 202 | 15 | 1.22 | 8.40 | 415 | 90.0 | 0.55 | 3.47 | < 10 | 0.64 | 0.44 | 19 | 11.4 | 26.0 | 3.20 | < 0.10 | 3.59 | 10.0 | 108.0 | 0.66 |
| 2879 | 201 | 202 | 10 | 1.61 | 3.60 | 480 | 80.0 | 0.40 | 4.98 | < 10 | 0.38 | 0.15 | 26 | 8.6 | 17.8 | 4.40 | < 0.10 | 3.69 | 10.0 | 130.0 | 0.66 |
| 2880 | 201 | 202 | 35 | 2.44 | 3.20 | 204 | 80.0 | 0.55 | 2.66 | < 10 | 0.32 | 0.57 | 35 | 15.6 | 33.2 | 6.10 | < 0.10 | 3.96 | 10.0 | 72.0 | 1.11 |
| 2881 | 201 | 202 | < 5 | 1.37 | 1.20 | 54.8 | 40.0 | 0.15 | 2.13 | < 10 | 0.08 | 0.06 | 30 | 8.4 | 19.6 | 6.60 | < 0.10 | 3.49 | 10.0 | 16.0 | 0.59 |
| 2882 | 201 | 202 | < 5 | 1.84 | 1.70 | 122.0 | 100.0 | 0.50 | 2.15 | < 10 | 0.30 | 0.63 | 29 | 14.4 | 25.0 | 5.50 | < 0.10 | 4.01 | 10.0 | 32.0 | 0.69 |
| 2883 | 201 | 202 | < 5 | 2.04 | 0.60 | 121.5 | 30.0 | 0.45 | 1.92 | < 10 | 0.18 | 0.10 | 28 | 17.8 | 22.8 | 5.50 | < 0.10 | 4.81 | 10.0 | 16.0 | 0.91 |
| 2884 | 201 | 202 | 10 | 2.81 | 1.30 | 92.8 | 70.0 | 0.95 | 3.79 | < 10 | 0.38 | 0.26 | 34 | 34.8 | 77.1 | 6.80 | 0.10 | 6.55 | 30.0 | 36.0 | 1.07 |
| 2885 | 201 | 202 | < 5 | 2.81 | 1.20 | 360 | 150.0 | 0.60 | 2.01 | < 10 | 1.32 | 0.74 | 35 | 10.2 | 20.0 | 6.90 | < 0.10 | 3.39 | 10.0 | 118.0 | 1.74 |
| 2886 | 201 | 202 | < 5 | 0.08 | 6.20 | 25.0 | 30.0 | 0.40 | 0.24 | < 10 | 2.18 | 0.67 | 2 | 9.4 | 17.2 | 0.40 | < 0.10 | 3.30 | 10.0 | 18.0 | 0.22 |
| 2887 | 201 | 202 | < 5 | 0.33 | 5.20 | 402 | 30.0 | 0.45 | 0.80 | < 10 | 0.18 | 11.15 | 2 | 4.6 | 15.8 | 0.80 | < 0.10 | 1.62 | < 10.0 | 16.0 | 6.73 |
| 2888 | 201 | 202 | < 5 | 0.13 | 2.70 | 14.8 | 30.0 | 0.45 | 0.39 | < 10 | 0.16 | 11.85 | < 1 | 4.8 | 4.6 | 0.50 | < 0.10 | 1.89 | 10.0 | 6.0 | 7.06 |
| 2889 | 201 | 202 | < 5 | 0.31 | 2.30 | 22.6 | 50.0 | 0.40 | 0.50 | < 10 | 0.12 | 11.90 | 2 | 4.4 | 9.4 | 0.70 | < 0.10 | 1.35 | < 10.0 | 10.0 | 6.98 |
| 2890 | 201 | 202 | < 5 | 0.13 | 4.50 | 68.4 | 10.0 | 0.20 | 0.14 | < 10 | 0.10 | 12.50 | < 1 | 2.2 | 5.0 | 0.40 | < 0.10 | 0.74 | < 10.0 | 2.0 | 7.68 |
| 2891 | 201 | 202 | < 5 | 0.17 | 18.40 | 59.8 | 30.0 | 0.65 | 0.17 | < 10 | 1.52 | 10.40 | 5 | 3.4 | 37.2 | 0.50 | < 0.10 | 1.20 | 10.0 | 152.0 | 5.91 |
| 2892 | 201 | 202 | < 5 | 0.28 | 13.50 | 153.5 | 50.0 | 0.65 | 0.60 | < 10 | 2.30 | 0.49 | 9 | 11.4 | 43.4 | 0.90 | < 0.10 | 3.69 | 10.0 | 38.0 | 0.18 |
| 2893 | 201 | 202 | 10 | 0.87 | 9.70 | 396 | 70.0 | 0.60 | 14.85 | < 10 | 1.30 | 0.36 | 18 | 11.2 | 60.1 | 2.30 | < 0.10 | 4.20 | 10.0 | 30.0 | 0.27 |
| 2894 | 201 | 202 | < 5 | 0.53 | 11.10 | 112.5 | 90.0 | 0.50 | 0.45 | < 10 | 2.78 | 0.52 | 6 | 19.4 | 48.4 | 1.40 | < 0.10 | 5.40 | 10.0 | 30.0 | 0.11 |
| 2895 | 201 | 202 | < 5 | 0.48 | 5.00 | 91.8 | 190.0 | 0.40 | 0.16 | < 10 | 3.14 | 0.85 | 6 | 8.2 | 30.2 | 1.10 | < 0.10 | 3.50 | < 10.0 | 26.0 | 0.07 |
| 2896 | 201 | 202 | < 5 | 1.11 | 0.60 | 22.0 | 120.0 | 0.35 | 0.35 | < 10 | 3.92 | 0.92 | 12 | 10.4 | 29.6 | 2.90 | < 0.10 | 4.29 | 30.0 | 62.0 | 0.29 |
| 2897 | 201 | 202 | < 5 | 0.64 | 0.80 | 16.0 | 100.0 | 0.30 | 0.24 | < 10 | 0.96 | 1.19 | 9 | 10.6 | 30.6 | 1.50 | < 0.10 | 3.94 | 20.0 | 34.0 | 0.27 |
| 2898 | 201 | 202 | < 5 | 1.57 | 3.20 | 138.5 | 110.0 | 0.70 | 1.24 | < 10 | 0.86 | 0.49 | 18 | 10.4 | 21.6 | 3.00 | < 0.10 | 5.20 | 10.0 | 114.0 | 0.51 |
| 2899 | 201 | 202 | < 5 | 1.92 | 0.50 | 79.2 | 30.0 | 0.35 | 0.53 | < 10 | 0.10 | 1.26 | 21 | 17.8 | 25.2 | 4.40 | < 0.10 | 3.77 | 20.0 | 58.0 | 1.42 |
| 2900 | 201 | 202 | < 5 | 1.72 | 1.20 | 159.0 | 60.0 | 0.40 | 0.75 | < 10 | 0.14 | 0.97 | 21 | 15.4 | 27.4 | 3.90 | < 0.10 | 4.13 | 20.0 | 34.0 | 1.15 |
| 2901 | 201 | 202 | < 5 | 1.62 | 1.20 | 132.0 | 80.0 | 0.40 | 1.25 | < 10 | 0.78 | 0.95 | 20 | 12.0 | 28.0 | 3.80 | < 0.10 | 3.37 | 10.0 | 48.0 | 1.13 |
| 2902 | 201 | 202 | < 5 | 1.96 | 1.00 | 75.2 | 150.0 | 0.70 | 3.70 | < 10 | 0.82 | 1.17 | 25 | 14.8 | 28.2 | 4.70 | < 0.10 | 3.98 | 10.0 | 42.0 | 1.39 |
| 2903 | 201 | 202 | < 5 | 1.31 | 0.50 | 53.6 | 130.0 | 0.25 | 0.83 | < 10 | 0.36 | 0.89 | 15 | 7.4 | 17.4 | 3.30 | < 0.10 | 2.11 | 10.0 | 26.0 | 0.73 |
| 2904 | 201 | 202 | < 5 | 1.83 | 0.90 | 177.0 | 120.0 | 0.45 | 2.40 | < 10 | 0.76 | 0.75 | 23 | 12.2 | 29.4 | 4.30 | < 0.10 | 3.69 | 10.0 | 60.0 | 1.09 |

CERTIFICATION: _____ *+

# ALS Chemex

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


To: NEWMONT EXPLORATION LIMITED

10101 DRY CREEK RD.
ENGLEWOOD, COLORADO
80112, USA

Project : TAY-LP
Comments: ATTN: RICHARD GORTON CC: MIKE STAMMERS


Certificate Date: 01-AUG-2000
Invoice No. : I0024264
P.O. Number :21341
Account :TNFA

## CERTIFICATE OF ANALYSIS A0024264

| SAMPLE | PREP CODE | | Mn ppm | Hg ppm | Mo ppm | Ni ppm | P ppm | K % | Sc ppm | Se ppm | Ag ppm | Na % | Sr ppm | S % | Te ppm | Tl ppm | Ti % | W ppm | U ppm | V ppm | Zn ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2865 | 201 | 202 | 340 | 0.01 | 1.20 | 33.0 | 730 | 0.13 | 4.0 | < 0.5 | 0.16 | 0.09 | 96.0 | 0.01 | 0.05 | 0.20 | 0.06 | 3.90 | 1.00 | 37 | 70 |
| 2866 | 201 | 202 | 350 | < 0.01 | 1.80 | 23.0 | 800 | 0.10 | 2.0 | < 0.5 | 0.20 | 0.02 | 153.0 | < 0.01 | 0.05 | 0.10 | 0.02 | 0.85 | 0.85 | 22 | 70 |
| 2867 | 201 | 202 | 495 | 0.02 | 2.00 | 35.0 | 890 | 0.13 | 3.0 | < 0.5 | 0.22 | 0.03 | 54.0 | 0.03 | 0.05 | 0.18 | 0.05 | 1.50 | 1.10 | 59 | 92 |
| 2868 | 201 | 202 | 760 | 0.03 | 2.60 | 33.0 | 790 | 0.08 | 3.0 | < 0.5 | 0.32 | 0.03 | 43.0 | 0.03 | < 0.05 | 0.10 | 0.03 | 1.70 | 1.00 | 38 | 146 |
| 2869 | 201 | 202 | 270 | 0.02 | 2.20 | 21.0 | 530 | 0.07 | 1.0 | < 0.5 | 0.24 | 0.01 | 27.0 | 0.02 | 0.10 | 0.08 | < 0.01 | 0.80 | 0.70 | 31 | 92 |
| 2870 | 201 | 202 | 400 | 0.01 | 3.20 | 37.0 | 1010 | 0.07 | 3.0 | 0.5 | 0.40 | < 0.01 | 27.0 | 0.01 | 0.05 | 0.06 | 0.01 | 1.50 | 0.90 | 28 | 122 |
| 2871 | 201 | 202 | 1000 | 0.06 | 1.00 | 29.0 | 810 | 0.05 | 3.0 | 0.5 | 0.84 | 0.01 | 58.0 | 0.06 | 0.05 | 0.06 | < 0.01 | 0.80 | 0.85 | 12 | 220 |
| 2872 | 201 | 202 | 1335 | 0.04 | 2.20 | 65.0 | 1520 | 0.05 | 6.0 | 0.5 | 0.78 | < 0.01 | 33.0 | 0.03 | 0.05 | 0.08 | < 0.01 | 1.95 | 0.85 | 12 | 400 |
| 2873 | 201 | 202 | 565 | < 0.01 | 3.60 | 47.0 | 1020 | 0.07 | 4.0 | 0.5 | 0.48 | < 0.01 | 25.0 | 0.01 | < 0.05 | 0.12 | < 0.01 | 0.85 | 2.20 | 42 | 158 |
| 2874 | 201 | 202 | 290 | 0.03 | 3.20 | 32.0 | 1150 | 0.08 | 3.0 | 0.5 | 0.28 | < 0.01 | 37.0 | 0.05 | 0.15 | 0.08 | < 0.01 | 0.75 | 1.75 | 43 | 198 |
| 2875 | 201 | 202 | 310 | < 0.01 | 6.60 | 57.0 | 840 | 0.07 | 2.0 | 0.5 | 0.30 | < 0.01 | 20.0 | 0.01 | 0.05 | 0.16 | < 0.01 | 0.95 | 1.40 | 20 | 218 |
| 2876 | 201 | 202 | 655 | 0.02 | 4.40 | 77.0 | 2120 | 0.07 | 3.0 | 1.0 | 0.60 | < 0.01 | 35.0 | 0.02 | < 0.05 | 0.08 | < 0.01 | 0.80 | 1.60 | 15 | 140 |
| 2877 | 201 | 202 | 960 | 0.03 | 5.00 | 47.0 | 1010 | 0.03 | 1.0 | 0.5 | 0.70 | 0.01 | 40.0 | 0.06 | 0.10 | 0.06 | 0.01 | 0.55 | 3.80 | 23 | 260 |
| 2878 | 201 | 202 | 465 | 0.03 | 4.60 | 39.0 | 1460 | 0.06 | 2.0 | 0.5 | 0.52 | < 0.01 | 19.0 | 0.01 | 0.05 | 0.12 | 0.01 | 5.20 | 1.10 | 55 | 156 |
| 2879 | 201 | 202 | 345 | 0.04 | 2.00 | 30.0 | 640 | 0.05 | 1.0 | < 0.5 | 0.20 | < 0.01 | 14.0 | 0.01 | 0.10 | 0.14 | 0.02 | 25.0 | 0.95 | 43 | 98 |
| 2880 | 201 | 202 | 355 | 0.01 | 1.60 | 47.0 | 540 | 0.24 | 5.0 | < 0.5 | 0.74 | 0.06 | 89.0 | 0.01 | 0.05 | 0.38 | 0.06 | 6.65 | 1.70 | 40 | 82 |
| 2881 | 201 | 202 | 235 | 0.03 | 1.20 | 28.0 | 410 | 0.07 | < 1.0 | < 0.5 | 0.08 | < 0.01 | 14.0 | 0.03 | 0.05 | 0.16 | 0.04 | 5.45 | 0.85 | 45 | 48 |
| 2882 | 201 | 202 | 1160 | 0.01 | 1.20 | 31.0 | 1000 | 0.09 | 1.0 | < 0.5 | 0.22 | 0.01 | 63.0 | 0.07 | 0.05 | 0.18 | 0.03 | 3.45 | 1.65 | 40 | 78 |
| 2883 | 201 | 202 | 360 | < 0.01 | 0.60 | 46.0 | 470 | 0.18 | 2.0 | < 0.5 | 0.14 | < 0.01 | 10.0 | 0.01 | 0.05 | 0.22 | 0.05 | 1.70 | 1.55 | 24 | 62 |
| 2884 | 201 | 202 | 1335 | 0.02 | 0.80 | 79.0 | 690 | 0.21 | 5.0 | < 0.5 | 0.44 | 0.01 | 56.0 | 0.03 | 0.10 | 0.30 | 0.06 | 7.60 | 2.30 | 31 | 68 |
| 2885 | 201 | 202 | 990 | 0.04 | 1.40 | 32.0 | 860 | 0.27 | 4.0 | < 0.5 | 0.76 | 0.05 | 38.0 | 0.03 | 0.10 | 0.34 | 0.07 | 0.65 | 0.90 | 57 | 204 |
| 2886 | 201 | 202 | 375 | 0.04 | 8.00 | 64.0 | 630 | 0.03 | 2.0 | 0.5 | 0.26 | < 0.01 | 7.0 | < 0.01 | 0.10 | 0.12 | < 0.01 | 0.60 | 0.85 | 10 | 274 |
| 2887 | 201 | 202 | 960 | 0.02 | 0.40 | 10.0 | 310 | 0.01 | < 1.0 | < 0.5 | 0.38 | 0.01 | 72.0 | 0.02 | 0.05 | 0.04 | < 0.01 | 0.30 | 1.25 | 16 | 34 |
| 2888 | 201 | 202 | 1405 | 0.03 | 0.80 | 10.0 | 340 | 0.01 | < 1.0 | 0.5 | 0.14 | 0.01 | 56.0 | 0.02 | 0.05 | 0.02 | < 0.01 | 0.15 | 0.50 | 8 | 20 |
| 2889 | 201 | 202 | 1120 | 0.06 | 0.60 | 9.0 | 450 | 0.01 | < 1.0 | < 0.5 | 0.16 | 0.01 | 80.0 | 0.04 | 0.05 | 0.02 | < 0.01 | 0.25 | 0.95 | 14 | 30 |
| 2890 | 201 | 202 | 360 | 0.01 | 0.20 | 7.0 | 160 | 0.01 | < 1.0 | < 0.5 | 0.08 | 0.01 | 61.0 | 0.01 | 0.20 | 0.02 | < 0.01 | 0.15 | 1.05 | 5 | 20 |
| 2891 | 201 | 202 | 495 | 0.13 | 11.60 | 41.0 | 1460 | 0.04 | 1.0 | 0.5 | 1.34 | < 0.01 | 112.0 | < 0.01 | 0.15 | 0.08 | < 0.01 | 0.70 | 1.75 | 46 | 414 |
| 2892 | 201 | 202 | 760 | 0.02 | 29.80 | 93.0 | 880 | 0.04 | 4.0 | 1.5 | 0.88 | < 0.01 | 15.0 | 0.01 | 0.15 | 0.10 | < 0.01 | 0.80 | 1.60 | 49 | 396 |
| 2893 | 201 | 202 | 395 | 0.06 | 19.40 | 73.0 | 1460 | 0.04 | 1.0 | 2.0 | 1.20 | < 0.01 | 24.0 | 0.02 | 0.15 | 0.14 | 0.01 | 0.55 | 1.75 | 59 | 224 |
| 2894 | 201 | 202 | 1300 | 0.06 | 24.60 | 115.0 | 2680 | 0.05 | 1.0 | 3.0 | 0.80 | < 0.01 | 25.0 | 0.03 | 0.15 | 0.18 | < 0.01 | 0.85 | 2.30 | 63 | 490 |
| 2895 | 201 | 202 | 780 | 0.03 | 5.00 | 39.0 | 1080 | 0.03 | 1.0 | 2.0 | 1.20 | 0.01 | 32.0 | 0.04 | 0.05 | 0.06 | < 0.01 | 0.35 | 1.90 | 26 | 274 |
| 2896 | 201 | 202 | 1255 | 0.03 | 3.40 | 28.0 | 1240 | 0.03 | 3.0 | 0.5 | 0.28 | < 0.01 | 45.0 | 0.03 | 0.10 | 0.04 | < 0.01 | 0.30 | 1.70 | 24 | 316 |
| 2897 | 201 | 202 | 880 | 0.06 | 4.00 | 44.0 | 880 | 0.03 | 2.0 | 1.5 | 1.22 | < 0.01 | 52.0 | 0.03 | 0.05 | 0.04 | < 0.01 | 0.30 | 1.90 | 19 | 116 |
| 2898 | 201 | 202 | 1140 | 0.05 | 5.40 | 39.0 | 710 | 0.04 | 3.0 | < 0.5 | 0.64 | < 0.01 | 24.0 | 0.03 | 0.05 | 0.08 | < 0.01 | 0.90 | 1.45 | 31 | 206 |
| 2899 | 201 | 202 | 295 | 0.01 | 0.80 | 35.0 | 880 | 0.04 | 3.0 | < 0.5 | 0.22 | < 0.01 | 47.0 | < 0.01 | 0.05 | 0.02 | < 0.01 | 0.15 | 0.50 | 14 | 82 |
| 2900 | 201 | 202 | 550 | 0.01 | 1.60 | 37.0 | 770 | 0.08 | 3.0 | < 0.5 | 0.22 | < 0.01 | 35.0 | 0.01 | 0.05 | 0.06 | 0.01 | 0.25 | 0.85 | 21 | 88 |
| 2901 | 201 | 202 | 490 | 0.03 | 3.40 | 38.0 | 980 | 0.07 | 3.0 | < 0.5 | 0.40 | 0.01 | 34.0 | 0.03 | 0.05 | 0.06 | 0.01 | 0.55 | 1.15 | 34 | 134 |
| 2902 | 201 | 202 | 1085 | 0.03 | 2.60 | 34.0 | 890 | 0.06 | 3.0 | < 0.5 | 0.28 | 0.01 | 45.0 | 0.03 | 0.15 | 0.10 | 0.04 | 1.40 | 2.45 | 50 | 120 |
| 2903 | 201 | 202 | 275 | 0.04 | 1.80 | 21.0 | 810 | 0.06 | 1.0 | < 0.5 | 0.14 | 0.03 | 37.0 | 0.03 | 0.05 | 0.08 | 0.03 | 0.60 | 0.95 | 41 | 106 |
| 2904 | 201 | 202 | 525 | 0.04 | 2.80 | 36.0 | 840 | 0.08 | 3.0 | < 0.5 | 0.48 | 0.02 | 36.0 | 0.02 | 0.10 | 0.12 | 0.03 | 0.95 | 2.00 | 40 | 146 |

CERTIFICATION: _____ *+

# ALS Chemex

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


To: NEWMONT EXPLORATION LIMITED

10101 DRY CREEK RD.
ENGLEWOOD, COLORADO
80112, USA

Project : TAY-LP
Comments: ATTN: RICHARD GORTON CC: MIKE STAMMERS


Certificate Date: 01-AUG-2000
Invoice No. : I0024264
P.O. Number :21341
Account :TNFA

## CERTIFICATE OF ANALYSIS A0024264

| SAMPLE | PREP CODE | | Au ppb FA+AA | Al % | Sb ppm | As ppm | Ba ppm | Be ppm | Bi ppm | B ppm | Cd ppm | Ca % | Cr ppm | Co ppm | Cu ppm | Ga ppm | Ge ppm | Fe % | La ppm | Pb ppm | Mg % |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2905 | 201 | 202 | 5 | 1.65 | 0.50 | 43.6 | 80.0 | 0.50 | 1.25 | < 10 | 0.12 | 0.62 | 23 | 10.2 | 28.4 | 4.00 | < 0.10 | 3.08 | 20.0 | 26.0 | 0.70 |
| 2906 | 201 | 202 | < 5 | 1.66 | 0.50 | 34.8 | 140.0 | 0.35 | 1.18 | < 10 | 0.08 | 0.47 | 23 | 9.6 | 17.6 | 4.80 | < 0.10 | 2.88 | 10.0 | 24.0 | 0.64 |
| 2907 | 201 | 202 | < 5 | 1.36 | 0.40 | 24.6 | 60.0 | 0.20 | 3.70 | < 10 | 0.28 | 0.05 | 21 | 8.4 | 13.0 | 8.00 | < 0.10 | 3.80 | 10.0 | 12.0 | 0.38 |
| 2908 | 201 | 202 | < 5 | 3.04 | 0.30 | 21.6 | 110.0 | 0.40 | 0.94 | < 10 | 0.18 | 0.27 | 49 | 9.0 | 11.2 | 12.80 | < 0.10 | 4.91 | 10.0 | 14.0 | 1.06 |
| 2909 | 201 | 202 | 15 | 2.95 | 0.30 | 17.2 | 160.0 | 0.45 | 3.07 | < 10 | 0.20 | 1.32 | 36 | 12.6 | 20.0 | 7.20 | < 0.10 | 3.01 | 10.0 | 10.0 | 1.15 |
| 2910 | 201 | 202 | < 5 | 5.13 | 0.20 | 18.0 | 280.0 | 0.85 | 1.46 | < 10 | 0.34 | 1.67 | 62 | 12.6 | 14.8 | 12.90 | < 0.10 | 3.66 | 10.0 | 12.0 | 2.24 |
| 2911 | 201 | 202 | < 5 | 4.02 | 0.20 | 22.0 | 240.0 | 0.65 | 1.37 | < 10 | 0.16 | 1.21 | 50 | 14.0 | 20.8 | 10.10 | 0.10 | 3.87 | 20.0 | 16.0 | 2.12 |
| 2912 | 201 | 202 | 5 | 1.68 | 0.40 | 108.0 | 70.0 | 0.85 | 3.34 | < 10 | 1.32 | 0.54 | 22 | 12.8 | 19.2 | 4.20 | < 0.10 | 3.47 | 20.0 | 24.0 | 0.59 |
| 2913 | 201 | 202 | < 5 | 1.18 | 0.40 | 124.5 | 40.0 | 0.30 | 4.05 | < 10 | 0.16 | 0.03 | 13 | 3.2 | 6.2 | 4.10 | < 0.10 | 2.34 | 10.0 | 22.0 | 0.22 |
| 2914 | 201 | 202 | < 5 | 1.07 | 0.30 | 64.8 | 40.0 | 0.35 | 5.31 | < 10 | 0.32 | 0.07 | 12 | 3.2 | 8.0 | 3.60 | < 0.10 | 2.23 | 10.0 | 32.0 | 0.27 |
| 2915 | 201 | 202 | < 5 | 2.06 | 1.60 | 714 | 80.0 | 0.95 | 2.55 | < 10 | 1.86 | 0.12 | 26 | 10.8 | 22.6 | 6.10 | < 0.10 | 4.56 | 20.0 | 40.0 | 0.56 |
| 2916 | 201 | 202 | < 5 | 2.64 | 0.40 | 84.4 | 60.0 | 0.85 | 3.48 | < 10 | 0.36 | 0.68 | 30 | 10.8 | 17.8 | 5.80 | < 0.10 | 3.25 | 10.0 | 28.0 | 0.71 |
| 2917 | 201 | 202 | < 5 | 1.76 | 0.10 | 16.4 | 60.0 | 0.60 | 0.58 | < 10 | 0.14 | 0.59 | 20 | 7.6 | 14.8 | 4.70 | < 0.10 | 2.29 | 10.0 | 8.0 | 0.46 |
| 2918 | 201 | 202 | 10 | 2.02 | 0.30 | 22.6 | 60.0 | 0.45 | 2.97 | < 10 | 0.10 | 0.16 | 25 | 11.2 | 30.0 | 5.30 | < 0.10 | 3.17 | 10.0 | 10.0 | 0.51 |
| 2919 | 201 | 202 | < 5 | 2.48 | 0.30 | 26.8 | 60.0 | 0.60 | 1.45 | < 10 | 0.16 | 0.45 | 26 | 13.6 | 25.8 | 5.40 | < 0.10 | 3.30 | 10.0 | 10.0 | 0.58 |
| 2920 | 201 | 202 | 100 | 1.90 | 1.50 | 95.2 | 50.0 | 0.75 | 12.00 | < 10 | 0.36 | 0.73 | 25 | 33.4 | 71.2 | 4.70 | 0.10 | 5.91 | 30.0 | 54.0 | 0.70 |
| 2921 | 201 | 202 | 5 | 2.88 | 0.50 | 16.0 | 70.0 | 1.45 | 2.92 | < 10 | 0.40 | 0.83 | 32 | 31.2 | 55.1 | 6.40 | < 0.10 | 5.55 | 20.0 | 24.0 | 1.03 |
| 2922 | 201 | 202 | < 5 | 1.49 | 0.50 | 22.0 | 80.0 | 0.45 | 1.55 | < 10 | 0.18 | 0.22 | 23 | 7.0 | 23.6 | 5.50 | < 0.10 | 2.85 | 10.0 | 20.0 | 0.38 |
| 2923 | 201 | 202 | < 5 | 1.59 | 0.50 | 17.0 | 40.0 | 0.25 | 1.09 | < 10 | 0.14 | 0.07 | 24 | 6.8 | 16.6 | 5.40 | < 0.10 | 3.30 | 10.0 | 18.0 | 0.82 |
| 2924 | 201 | 202 | 15 | 2.46 | 1.60 | 80.2 | 90.0 | 0.55 | 1.55 | < 10 | 0.40 | 0.29 | 30 | 16.4 | 31.0 | 5.20 | < 0.10 | 4.04 | 20.0 | 16.0 | 1.43 |
| 2925 | 201 | 202 | 115 | 1.49 | 4.70 | 370 | 60.0 | 1.25 | 10.25 | < 10 | 0.70 | 0.74 | 21 | 29.8 | 56.2 | 3.70 | 0.10 | 6.54 | 40.0 | 130.0 | 0.63 |
| 2926 | 201 | 202 | 15 | 2.03 | 2.80 | 220 | 70.0 | 0.70 | 8.04 | < 10 | 0.32 | 1.12 | 27 | 13.8 | 33.6 | 4.80 | < 0.10 | 4.23 | 20.0 | 30.0 | 0.89 |
| 2927 | 201 | 202 | < 5 | 1.32 | 0.70 | 33.2 | 50.0 | 0.35 | 1.20 | < 10 | 0.10 | 0.05 | 18 | 8.8 | 19.2 | 5.00 | < 0.10 | 3.11 | < 10.0 | 14.0 | 0.30 |
| 2928 | 201 | 202 | 20 | 0.99 | 8.60 | 116.0 | 50.0 | 0.45 | 1.90 | < 10 | 0.34 | 0.42 | 15 | 15.4 | 29.2 | 2.70 | 0.10 | 4.74 | 20.0 | 32.0 | 0.36 |
| 2929 | 201 | 202 | 20 | 2.62 | 1.80 | 79.0 | 70.0 | 0.65 | 2.60 | < 10 | 0.30 | 1.62 | 38 | 16.0 | 22.4 | 6.50 | < 0.10 | 4.20 | 20.0 | 22.0 | 1.02 |
| 2930 | 201 | 202 | 180 | 1.24 | 54.00 | >10000 | 270.0 | 1.00 | 12.00 | < 10 | < 0.50 | 1.98 | 11 | 28.0 | 81.0 | < 10.00 | Minrlzd | 5.68 | 10.0 | 228.0 | 1.30 |
| 2931 | 201 | 202 | 20 | 1.27 | 6.80 | 798 | 110.0 | 0.60 | 3.10 | < 10 | 0.44 | 0.81 | 17 | 10.6 | 25.0 | 3.20 | < 0.10 | 4.82 | 20.0 | 138.0 | 0.50 |
| 2932 | 201 | 202 | 30 | 0.63 | 15.50 | 400 | 50.0 | 0.45 | 6.27 | < 10 | 0.44 | 7.09 | 8 | 13.8 | 33.6 | 1.80 | < 0.10 | 4.65 | 20.0 | 20.0 | 3.96 |
| 2933 | 201 | 202 | 140 | 0.45 | 40.00 | >10000 | 200.0 | 0.50 | 28.0 | < 10 | 0.50 | 0.62 | 9 | 7.0 | 18.0 | < 10.00 | Minrlzd | 8.35 | < 10.0 | 2990 | 0.18 |
| 2934 | 201 | 202 | 55 | 0.46 | 4.80 | 6120 | 140.0 | 1.05 | 0.69 | < 10 | 1.20 | 0.81 | 9 | 16.0 | 25.4 | 1.10 | < 0.10 | 5.55 | 10.0 | 106.0 | 0.15 |
| 2935 | 214 | -- | 400 | 0.39 | 246.6 | 328 | 1490.0 | 0.25 | 0.47 | < 10 | 1.32 | 0.35 | 46 | 4.8 | 93.4 | 3.30 | < 0.10 | 1.45 | < 10.0 | 210.0 | 0.03 |

CERTIFICATION: _____ *+

# ALS Chemex

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

10101 DRY CREEK RD.
ENGLEWOOD, COLORADO
80112, USA

Project : TAY-LP
Comments: ATTN: RICHARD GORTON CC: MIKE STAMMERS

Page Number :2-B
Total Pages :2
Certificate Date: 01-AUG-2000
Invoice No. : I0024264
P.O. Number :21341
Account :TNFA

## CERTIFICATE OF ANALYSIS A0024264

| SAMPLE | PREP CODE | | Mn ppm | Hg ppm | Mo ppm | Ni ppm | P ppm | K % | Sc ppm | Se ppm | Ag ppm | Na % | Sr ppm | S % | Te ppm | Tl ppm | Ti % | W ppm | U ppm | V ppm | Zn ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2905 | 201 | 202 | 295 | 0.01 | 1.00 | 32.0 | 530 | 0.08 | 2.0 | < 0.5 | 0.24 | 0.01 | 33.0 | 0.03 | < 0.05 | 0.08 | 0.03 | 0.85 | 2.75 | 26 | 80 |
| 2906 | 201 | 202 | 285 | 0.02 | 1.40 | 24.0 | 530 | 0.07 | 1.0 | < 0.5 | 0.08 | < 0.01 | 29.0 | 0.01 | 0.05 | 0.08 | 0.02 | 0.60 | 1.00 | 32 | 68 |
| 2907 | 201 | 202 | 225 | 0.02 | 1.00 | 16.0 | 660 | 0.07 | 1.0 | < 0.5 | 0.20 | < 0.01 | 10.0 | 0.01 | 0.05 | 0.10 | 0.12 | 0.65 | 0.60 | 51 | 66 |
| 2908 | 201 | 202 | 205 | < 0.01 | 1.20 | 24.0 | 500 | 0.10 | 4.0 | < 0.5 | 0.08 | < 0.01 | 22.0 | 0.01 | 0.10 | 0.12 | 0.14 | 0.35 | 0.75 | 63 | 70 |
| 2909 | 201 | 202 | 360 | < 0.01 | 0.80 | 31.0 | 580 | 0.18 | 4.0 | < 0.5 | 0.10 | 0.06 | 78.0 | 0.03 | 0.05 | 0.22 | 0.07 | 4.35 | 1.60 | 36 | 44 |
| 2910 | 201 | 202 | 440 | < 0.01 | 0.60 | 39.0 | 740 | 0.32 | 6.0 | < 0.5 | 0.10 | 0.15 | 128.0 | 0.02 | 0.10 | 0.26 | 0.10 | 1.20 | 1.25 | 59 | 62 |
| 2911 | 201 | 202 | 555 | < 0.01 | 1.00 | 43.0 | 780 | 0.49 | 6.0 | < 0.5 | 0.12 | 0.08 | 80.0 | < 0.01 | 0.05 | 0.42 | 0.09 | 1.35 | 1.15 | 56 | 54 |
| 2912 | 201 | 202 | 840 | 0.02 | 0.80 | 28.0 | 690 | 0.11 | 2.0 | < 0.5 | 0.46 | 0.01 | 45.0 | 0.03 | 0.05 | 0.10 | 0.02 | 2.70 | 6.30 | 19 | 138 |
| 2913 | 201 | 202 | 135 | < 0.01 | 0.80 | 10.0 | 360 | 0.06 | < 1.0 | < 0.5 | 0.18 | < 0.01 | 7.0 | 0.01 | 0.05 | 0.12 | 0.01 | 1.05 | 1.10 | 21 | 62 |
| 2914 | 201 | 202 | 155 | 0.01 | 0.80 | 10.0 | 430 | 0.08 | < 1.0 | < 0.5 | 0.26 | < 0.01 | 10.0 | 0.01 | 0.10 | 0.08 | 0.01 | 0.80 | 1.60 | 15 | 122 |
| 2915 | 201 | 202 | 460 | < 0.01 | 1.00 | 29.0 | 300 | 0.10 | 3.0 | < 0.5 | 0.26 | < 0.01 | 38.0 | 0.01 | 0.05 | 0.22 | 0.03 | 1.00 | 1.55 | 31 | 286 |
| 2916 | 201 | 202 | 315 | 0.01 | 0.40 | 29.0 | 410 | 0.15 | 3.0 | < 0.5 | 0.22 | 0.03 | 114.0 | 0.03 | 0.05 | 0.16 | 0.06 | 2.05 | 1.50 | 28 | 104 |
| 2917 | 201 | 202 | 320 | 0.01 | 0.40 | 19.0 | 440 | 0.13 | 1.0 | < 0.5 | 0.16 | 0.02 | 76.0 | 0.04 | < 0.05 | 0.12 | 0.04 | 1.10 | 1.05 | 20 | 44 |
| 2918 | 201 | 202 | 225 | 0.01 | 0.60 | 28.0 | 470 | 0.13 | 1.0 | < 0.5 | 0.06 | 0.01 | 28.0 | 0.04 | 0.10 | 0.14 | 0.06 | 4.75 | 1.05 | 27 | 54 |
| 2919 | 201 | 202 | 260 | 0.01 | 0.60 | 34.0 | 570 | 0.12 | 2.0 | < 0.5 | 0.08 | 0.01 | 57.0 | 0.03 | < 0.05 | 0.14 | 0.07 | 4.70 | 1.20 | 26 | 64 |
| 2920 | 201 | 202 | 835 | 0.03 | 0.60 | 66.0 | 730 | 0.15 | 4.0 | < 0.5 | 0.70 | 0.02 | 66.0 | 0.09 | 0.30 | 0.22 | 0.03 | 10.80 | 2.50 | 22 | 90 |
| 2921 | 201 | 202 | 1525 | 0.03 | 0.80 | 63.0 | 850 | 0.08 | 5.0 | < 0.5 | 0.36 | 0.01 | 68.0 | 0.04 | 0.05 | 0.14 | 0.04 | 0.70 | 2.30 | 35 | 78 |
| 2922 | 201 | 202 | 170 | 0.06 | 1.00 | 23.0 | 870 | 0.05 | < 1.0 | 0.5 | 0.36 | < 0.01 | 32.0 | 0.06 | 0.05 | 0.10 | 0.03 | 2.05 | 1.55 | 32 | 50 |
| 2923 | 201 | 202 | 265 | < 0.01 | 2.00 | 22.0 | 360 | 0.05 | 1.0 | < 0.5 | 0.08 | < 0.01 | 12.0 | 0.02 | 0.05 | 0.12 | 0.04 | 1.05 | 0.85 | 58 | 54 |
| 2924 | 201 | 202 | 525 | < 0.01 | 3.80 | 52.0 | 810 | 0.13 | 3.0 | < 0.5 | 0.06 | 0.01 | 29.0 | 0.03 | < 0.05 | 0.16 | 0.04 | 0.75 | 2.40 | 62 | 82 |
| 2925 | 201 | 202 | 1095 | 0.02 | 1.00 | 77.0 | 850 | 0.08 | 5.0 | < 0.5 | 6.08 | 0.01 | 59.0 | 0.07 | 0.05 | 0.14 | 0.01 | 21.2 | 2.35 | 25 | 118 |
| 2926 | 201 | 202 | 315 | 0.06 | 0.80 | 41.0 | 830 | 0.07 | 4.0 | 0.5 | 0.66 | 0.03 | 93.0 | 0.08 | 0.15 | 0.14 | 0.02 | 38.0 | 1.30 | 27 | 92 |
| 2927 | 201 | 202 | 470 | 0.04 | 1.00 | 24.0 | 360 | 0.06 | < 1.0 | < 0.5 | 0.28 | < 0.01 | 8.0 | 0.02 | < 0.05 | 0.12 | 0.03 | 4.90 | 0.75 | 35 | 52 |
| 2928 | 201 | 202 | 340 | 0.03 | 1.00 | 40.0 | 560 | 0.08 | 3.0 | < 0.5 | 0.74 | < 0.01 | 33.0 | 0.06 | < 0.05 | 0.42 | 0.01 | 6.20 | 2.35 | 17 | 78 |
| 2929 | 201 | 202 | 985 | 0.02 | 0.60 | 38.0 | 1080 | 0.07 | 3.0 | < 0.5 | 0.30 | 0.06 | 193.0 | 0.09 | 0.05 | 0.16 | 0.03 | 0.55 | 1.60 | 33 | 66 |
| 2930 | 201 | 202 | 1135 | < 1.00 | 3.00 | 52.0 | 1090 | 0.14 | 3.0 | Minrlzd | 2.60 | 0.01 | 49.0 | 0.03 | Minrlzd | < 10.00 | < 0.01 | < 10.00 | < 10.00 | 23 | 218 |
| 2931 | 201 | 202 | 680 | 0.01 | 1.80 | 28.0 | 1090 | 0.07 | 3.0 | < 0.5 | 0.54 | < 0.01 | 21.0 | 0.05 | < 0.05 | 0.14 | < 0.01 | 0.75 | 1.05 | 29 | 188 |
| 2932 | 201 | 202 | 1285 | 0.01 | 3.20 | 40.0 | 1090 | 0.06 | 4.0 | < 0.5 | 0.78 | < 0.01 | 60.0 | 0.01 | 0.05 | 0.20 | < 0.01 | 1.00 | 0.75 | 43 | 196 |
| 2933 | 201 | 202 | 300 | < 1.00 | 3.00 | 19.0 | 690 | 0.10 | 2.0 | Minrlzd | 11.20 | < 0.01 | 126.0 | 0.20 | Minrlzd | < 10.00 | < 0.01 | < 10.00 | < 10.00 | 18 | 238 |
| 2934 | 201 | 202 | 1430 | 0.04 | 1.40 | 48.0 | 520 | 0.06 | 6.0 | < 0.5 | 0.98 | < 0.01 | 26.0 | 0.04 | 0.05 | 0.10 | < 0.01 | 1.00 | 0.60 | 15 | 182 |
| 2935 | 214 | -- | 15 | 0.18 | 115.20 | 52.0 | 1680 | 0.09 | 8.0 | 3.0 | 0.16 | < 0.01 | 139.0 | 0.07 | 0.10 | 1.34 | < 0.01 | 12.85 | 29.0 | 246 | 52 |

CERTIFICATION: _____

# ALS Chemex

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


To: NEWMONT EXPLORATION LIMITED

10101 DRY CREEK RD.
ENGLEWOOD, COLORADO
80112, USA

A0024267

Comments: ATTN: RICHARD GORTON CC: MIKE STAMMERS

## CERTIFICATE A0024267

(TNFA) - NEWMONT EXPLORATION LIMITED

Project: TAY-LP
P.O.#: 21341

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

## SAMPLE PREPARATION

| CHEMEX CODE | NUMBER SAMPLES | DESCRIPTION |
|---|---|---|
| 201 | 108 | Dry, sieve to -80 mesh |
| 202 | 108 | save reject |
| 214 | 2 | Rcvd as pulp; mesh size checked |

* NOTE 1:

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

## ANALYTICAL PROCEDURES 1 of 2

| CHEMEX CODE | NUMBER SAMPLES | DESCRIPTION | METHOD | DETECTION LIMIT | UPPER LIMIT |
|---|---|---|---|---|---|
| 983 | 110 | Au ppb: Fuse 30 g sample | FA-AAS | 5 | 10000 |
| 9201 | 110 | Al %: ICP + ICP-MS package | ICP | 0.01 | 15.00 |
| 9202 | 110 | Sb ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.05 | 10000 |
| 9203 | 110 | As ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.1 | 10000 |
| 9204 | 110 | Ba ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.2 | 10000 |
| 9205 | 110 | Be ppm: ICP + ICP-MS package | ICP | 0.05 | 100.0 |
| 9206 | 110 | Bi ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.01 | 10000 |
| 9235 | 110 | B ppm: ICP + ICP-MS package | ICP | 10 | 10000 |
| 9207 | 110 | Cd ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.01 | 500 |
| 9208 | 110 | Ca %: ICP + ICP-MS package | ICP | 0.01 | 15.00 |
| 9209 | 110 | Cr ppm: ICP + ICP-MS package | ICP | 1 | 10000 |
| 9210 | 110 | Co ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.1 | 10000 |
| 9211 | 110 | Cu ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.2 | 10000 |
| 9212 | 110 | Ga ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.05 | 10000 |
| 9213 | 110 | Ge ppm: ICP + ICP-MS package | ICP-MS | 0.05 | 500.0 |
| 9214 | 110 | Fe %: ICP + ICP-MS package | ICP | 0.01 | 15.00 |
| 9215 | 110 | La ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.2 | 10000 |
| 9216 | 110 | Pb ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.2 | 10000 |
| 9217 | 110 | Mg %: ICP + ICP-MS package | ICP | 0.01 | 15.00 |
| 9218 | 110 | Mn ppm: ICP + ICP-MS package | ICP | 5 | 10000 |
| 9219 | 110 | Hg ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.01 | 10000 |
| 9220 | 110 | Mo ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.05 | 10000 |
| 9221 | 110 | Ni ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.5 | 10000 |
| 9222 | 110 | P ppm: ICP + ICP-MS package | ICP | 10 | 10000 |
| 9223 | 110 | K %: ICP + ICP-MS package | ICP | 0.01 | 10.00 |
| 9224 | 110 | Sc ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.1 | 10000 |
| 9237 | 110 | Se ppm: ICP + ICP-MS package | ICP-MS | 0.2 | 1000 |
| 9225 | 110 | Ag ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.01 | 100.0 |
| 9226 | 110 | Na %: ICP + ICP-MS package | ICP | 0.01 | 10.00 |
| 9227 | 110 | Sr ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.2 | 10000 |
| 9236 | 110 | S %: ICP + ICP-MS package | ICP | 0.01 | 5.00 |
| 9228 | 110 | Te ppm: ICP + ICP-MS package | ICP-MS | 0.01 | 500 |
| 9229 | 110 | Tl ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.02 | 10000 |
| 9230 | 110 | Ti %: ICP + ICP-MS package | ICP | 0.01 | 10.00 |
| 9231 | 110 | W ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.05 | 10000 |
| 9232 | 110 | U ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.05 | 10000 |
| 9233 | 110 | V ppm: ICP + ICP-MS package | ICP | 1 | 10000 |

# ALS Chemex

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Analytical Chemists * Geochemists * Registered Assayers
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PHONE: 604-984-0221 FAX: 604-984-0218


To: NEWMONT EXPLORATION LIMITED

10101 DRY CREEK RD.
ENGLEWOOD, COLORADO
80112, USA

A0024267

Comments: ATTN: RICHARD GORTON CC: MIKE STAMMERS

## CERTIFICATE A0024267

(TNFA) - NEWMONT EXPLORATION LIMITED

Project: TAY-LP
P.O. # : 21341

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

## SAMPLE PREPARATION

| CHEMEX CODE | NUMBER SAMPLES | DESCRIPTION |
|---|---|---|
| 201 | 108 | Dry, sieve to -80 mesh |
| 202 | 108 | save reject |
| 214 | 2 | Rcvd as pulp; mesh size checked |

* NOTE 1:

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

## ANALYTICAL PROCEDURES 2 of 2

| CHEMEX CODE | NUMBER SAMPLES | DESCRIPTION | METHOD | DETECTION LIMIT | UPPER LIMIT |
|---|---|---|---|---|---|
| 9234 | 110 | Zn ppm: ICP + ICP-MS package | ICP | 2 | 10000 |

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To: NEWMONT EXPLORATION LIMITED

10101 DRY CREEK RD.
ENGLEWOOD, COLORADO
80112, USA

Project : TAY-LP
Comments: ATTN: RICHARD GORTON CC: MIKE STAMMERS


Certificate Date: 01-AUG-2000
Invoice No. : I0024267
P.O. Number :21341
Account :TNFA

## CERTIFICATE OF ANALYSIS A0024267

| | PREP | | Au ppb | Al % | Sb | As | Ba | Be | Bi | B | Cd | Ca % | Cr | Co | Cu | Ga | Ge | Fe % | La | Pb | Mg % |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2849 | 201 | 202 | 10 | 2.08 | 1.10 | 60.4 | 140.0 | 0.75 | 1.99 | 30 | 0.18 | 0.46 | 32 | 18.2 | 47.4 | 6.00 | 0.10 | 4.09 | 30.0 | 34.0 | 0.96 |
| 2850 | 201 | 202 | 10 | 1.61 | 0.60 | 37.0 | 120.0 | 0.45 | 1.99 | 20 | 0.20 | 0.56 | 24 | 10.4 | 19.4 | 4.60 | < 0.10 | 2.96 | 20.0 | 18.0 | 0.63 |
| 2851 | 201 | 202 | < 5 | 1.44 | 0.80 | 84.4 | 180.0 | 0.40 | 1.18 | 20 | 1.54 | 0.36 | 15 | 7.2 | 41.2 | 4.00 | < 0.10 | 2.63 | 10.0 | 44.0 | 0.51 |
| 2852 | 201 | 202 | < 5 | 1.68 | 0.90 | 53.4 | 180.0 | 0.55 | 1.36 | 20 | 0.18 | 0.61 | 22 | 10.0 | 24.4 | 4.70 | < 0.10 | 2.96 | 10.0 | 24.0 | 0.77 |
| 2853 | 201 | 202 | < 5 | 1.15 | 1.10 | 68.0 | 110.0 | 0.35 | 1.57 | 20 | 0.24 | 0.47 | 14 | 9.6 | 23.0 | 3.30 | < 0.10 | 3.16 | 10.0 | 26.0 | 0.65 |
| 2854 | 201 | 202 | < 5 | 1.32 | 0.90 | 63.2 | 160.0 | 0.35 | 1.44 | 20 | 0.82 | 0.63 | 16 | 8.2 | 24.6 | 3.80 | < 0.10 | 2.61 | 10.0 | 30.0 | 0.78 |
| 2855 | 201 | 202 | < 5 | 1.15 | 1.20 | 58.8 | 70.0 | 0.30 | 1.51 | 30 | 0.38 | 0.30 | 15 | 9.8 | 30.8 | 3.00 | < 0.10 | 2.93 | 10.0 | 52.0 | 0.76 |
| 2856 | 201 | 202 | < 5 | 1.05 | 0.80 | 76.2 | 130.0 | 0.30 | 1.21 | 30 | 0.44 | 0.19 | 12 | 4.2 | 20.6 | 3.60 | < 0.10 | 2.19 | 10.0 | 32.0 | 0.47 |
| 2857 | 201 | 202 | < 5 | 1.49 | 1.10 | 57.2 | 110.0 | 0.40 | 1.42 | 20 | 0.34 | 0.33 | 20 | 8.8 | 19.8 | 4.30 | < 0.10 | 3.25 | 10.0 | 36.0 | 0.88 |
| 2858 | 201 | 202 | 20 | 1.31 | 0.90 | 40.2 | 120.0 | 0.35 | 1.13 | 20 | 0.20 | 0.33 | 18 | 9.0 | 20.0 | 3.80 | < 0.10 | 2.78 | 10.0 | 26.0 | 0.75 |
| 2859 | 201 | 202 | < 5 | 1.50 | 1.10 | 41.6 | 60.0 | 0.55 | 1.52 | 30 | 0.18 | 0.36 | 18 | 10.8 | 27.6 | 3.90 | < 0.10 | 2.63 | 20.0 | 20.0 | 0.90 |
| 2860 | 201 | 202 | 5 | 1.92 | 1.00 | 54.0 | 120.0 | 0.85 | 1.90 | 20 | 0.14 | 0.18 | 23 | 10.8 | 18.4 | 4.70 | < 0.10 | 3.70 | 10.0 | 32.0 | 0.67 |
| 2861 | 201 | 202 | 70 | 1.37 | 0.70 | 109.0 | 170.0 | 0.45 | 8.18 | 30 | 0.20 | 1.73 | 19 | 19.4 | 41.0 | 4.00 | < 0.10 | 5.01 | 10.0 | 26.0 | 0.78 |
| 2862 | 201 | 202 | 10 | 1.59 | 0.80 | 60.2 | 70.0 | 0.50 | 2.72 | 20 | 0.62 | 0.09 | 20 | 11.4 | 16.8 | 4.90 | < 0.10 | 3.47 | 10.0 | 28.0 | 0.51 |
| 2863 | 201 | 202 | < 5 | 1.85 | 0.80 | 47.0 | 90.0 | 0.55 | 1.38 | 30 | 0.24 | 0.25 | 25 | 13.0 | 28.2 | 4.70 | < 0.10 | 3.39 | 10.0 | 26.0 | 0.80 |
| 2864 | 201 | 202 | < 5 | 1.80 | 0.40 | 21.0 | 110.0 | 0.75 | 0.59 | 20 | 0.14 | 0.12 | 25 | 7.8 | 14.0 | 5.30 | < 0.10 | 2.54 | 20.0 | 16.0 | 0.62 |
| 3767 | 201 | 202 | < 5 | 0.94 | 2.50 | 130.5 | 130.0 | 0.40 | 1.38 | 20 | 0.60 | 2.14 | 13 | 10.6 | 30.0 | 2.50 | < 0.10 | 2.89 | 10.0 | 64.0 | 1.52 |
| 3768 | 201 | 202 | < 5 | 0.84 | 2.70 | 92.8 | 190.0 | 0.30 | 0.82 | 30 | 0.72 | 1.31 | 11 | 8.6 | 32.2 | 2.10 | < 0.10 | 2.62 | 10.0 | 74.0 | 0.73 |
| 3769 | 201 | 202 | < 5 | 0.93 | 2.50 | 84.4 | 240.0 | 0.35 | 0.63 | 20 | 0.66 | 1.10 | 12 | 6.4 | 23.0 | 2.10 | < 0.10 | 2.98 | 10.0 | 48.0 | 0.62 |
| 3770 | 201 | 202 | < 5 | 0.72 | 3.60 | 53.0 | 270.0 | 0.35 | 0.40 | 30 | 0.64 | 0.51 | 11 | 8.2 | 33.8 | 1.80 | < 0.10 | 2.59 | 10.0 | 44.0 | 0.30 |

CERTIFICATION: _____

# ALS Chemex

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To: NEWMONT EXPLORATION LIMITED

10101 DRY CREEK RD.
ENGLEWOOD, COLORADO
80112, USA

Project : TAY-LP
Comments: ATTN: RICHARD GORTON CC: MIKE STAMMERS


Certificate Date: 01-AUG-2000
Invoice No. : I0024267
P.O. Number :21341
Account :TNFA

## CERTIFICATE OF ANALYSIS A0024267

| SAMPLE | PREP CODE | Mn ppm | Hg ppm | Mo ppm | Ni ppm | P ppm | K % | Sc ppm | Se ppm | Ag ppm | Na % | Sr ppm | S % | Te ppm | Tl ppm | Ti % | W ppm | U ppm | V ppm | Zn ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
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| 2 | | | | | | | | | | | | | | | | | | | | |
| 2850 | 201 | 202 | 290 | 0.01 | 1.40 | 26.0 | 1170 | 0.07 | 3.0 | < 0.5 | 0.18 | 0.03 | 44.0 | 0.01 | < 0.05 | 0.10 | 0.04 | 2.00 | 1.95 | 27 | 86 |
| 2851 | 201 | 202 | 170 | 0.02 | 3.60 | 27.0 | 750 | 0.04 | 1.0 | 1.5 | 0.28 | 0.01 | 18.0 | 0.02 | 0.05 | 0.04 | 0.01 | 0.30 | 7.30 | 32 | 118 |
| 2852 | 201 | 202 | 310 | 0.02 | 1.80 | 29.0 | 710 | 0.07 | 2.0 | 1.0 | 0.28 | 0.01 | 25.0 | 0.03 | < 0.05 | 0.08 | 0.02 | 0.55 | 2.60 | 27 | 104 |
| 2853 | 201 | 202 | 315 | < 0.01 | 2.60 | 28.0 | 1110 | 0.06 | 1.0 | 1.5 | 0.12 | 0.01 | 21.0 | 0.01 | < 0.05 | 0.04 | 0.01 | 0.35 | 1.50 | 27 | 118 |
| 2854 | 201 | 202 | 330 | 0.02 | 2.20 | 31.0 | 1000 | 0.07 | 1.0 | 1.5 | 0.46 | 0.01 | 25.0 | 0.04 | < 0.05 | 0.06 | 0.01 | 0.35 | 1.40 | 26 | 136 |
| 2855 | 201 | 202 | 190 | 0.01 | 3.00 | 40.0 | 1110 | 0.06 | 1.0 | 1.5 | 0.16 | 0.01 | 18.0 | 0.01 | 0.05 | 0.04 | 0.01 | 0.30 | 1.40 | 26 | 124 |
| 2856 | 201 | 202 | 140 | 0.01 | 2.40 | 17.0 | 640 | 0.07 | < 1.0 | 0.5 | 0.20 | 0.01 | 11.0 | 0.01 | < 0.05 | 0.04 | 0.01 | 0.30 | 1.00 | 28 | 100 |
| 2857 | 201 | 202 | 345 | 0.01 | 2.60 | 28.0 | 950 | 0.09 | 1.0 | 0.5 | 0.14 | 0.01 | 16.0 | 0.01 | < 0.05 | 0.08 | 0.02 | 0.40 | 1.35 | 31 | 116 |
| 2858 | 201 | 202 | 420 | 0.03 | 2.40 | 26.0 | 1060 | 0.06 | 1.0 | 0.5 | 0.18 | 0.01 | 16.0 | 0.01 | < 0.05 | 0.06 | 0.01 | 0.30 | 1.35 | 26 | 96 |
| 2859 | 201 | 202 | 355 | 0.03 | 1.80 | 34.0 | 1160 | 0.05 | 2.0 | < 0.5 | 0.12 | 0.01 | 19.0 | < 0.01 | < 0.05 | 0.10 | 0.02 | 0.60 | 1.05 | 26 | 60 |
| 2860 | 201 | 202 | 275 | 0.03 | 2.00 | 32.0 | 330 | 0.05 | 2.0 | < 0.5 | 0.18 | < 0.01 | 12.0 | < 0.01 | < 0.05 | 0.12 | 0.01 | 0.70 | 1.40 | 31 | 112 |
| 2861 | 201 | 202 | 990 | 0.03 | 1.40 | 37.0 | 700 | 0.10 | 3.0 | 1.0 | 0.30 | 0.04 | 69.0 | 0.02 | 0.10 | 0.18 | 0.03 | 2.00 | 1.05 | 19 | 64 |
| 2862 | 201 | 202 | 275 | 0.01 | 2.00 | 26.0 | 410 | 0.06 | 1.0 | < 0.5 | 0.14 | 0.01 | 8.0 | 0.01 | 0.05 | 0.10 | 0.02 | 0.70 | 1.00 | 30 | 78 |
| 2863 | 201 | 202 | 450 | 0.02 | 2.00 | 35.0 | 890 | 0.06 | 3.0 | < 0.5 | 0.18 | 0.01 | 17.0 | < 0.01 | < 0.05 | 0.12 | 0.03 | 0.70 | 1.15 | 26 | 98 |
| 2864 | 201 | 202 | 245 | < 0.01 | 1.20 | 22.0 | 340 | 0.07 | 3.0 | < 0.5 | 0.14 | 0.01 | 12.0 | < 0.01 | < 0.05 | 0.12 | 0.04 | 0.55 | 1.60 | 29 | 72 |
| – | | | | | | | | | | | | | | | | | | | | | |
| 3767 | 201 | 202 | 460 | 0.04 | 2.60 | 32.0 | 1090 | 0.05 | 2.0 | 0.5 | 0.64 | 0.01 | 36.0 | 0.01 | < 0.05 | 0.06 | 0.01 | 0.35 | 1.20 | 19 | 156 |
| 3768 | 201 | 202 | 330 | 0.06 | 2.60 | 33.0 | 990 | 0.06 | 1.0 | 1.0 | 0.68 | 0.01 | 38.0 | 0.03 | < 0.05 | 0.06 | < 0.01 | 0.10 | 1.15 | 18 | 184 |
| 3769 | 201 | 202 | 450 | 0.04 | 3.20 | 29.0 | 600 | 0.05 | 1.0 | 0.5 | 0.52 | 0.01 | 20.0 | 0.02 | < 0.05 | 0.06 | < 0.01 | 0.15 | 0.95 | 21 | 186 |
| 3770 | 201 | 202 | 220 | 0.04 | 3.40 | 40.0 | 1490 | 0.05 | 2.0 | 0.5 | 0.50 | < 0.01 | 24.0 | 0.01 | < 0.05 | 0.06 | < 0.01 | 0.15 | 1.45 | 23 | 146 |

CERTIFICATION: _____

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Certificate Date: 01-AUG-2000
Invoice No. : I0024267
P.O. Number :21341
Account : TNFA

## CERTIFICATE OF ANALYSIS A0024267

| SAMPLE | PREP CODE | | Au ppb FA+AA | Al % | Sb ppm | As ppm | Ba ppm | Be ppm | Bi ppm | B ppm | Cd ppm | Ca % | Cr ppm | Co ppm | Cu ppm | Ga ppm | Ge ppm | Fe % | La ppm | Pb ppm | Mg % |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3771 | 201 | 202 | 5 | 0.85 | 4.00 | 360 | 170.0 | 0.45 | 1.75 | 30 | 1.06 | 0.95 | 15 | 10.0 | 34.6 | 2.20 | < 0.10 | 3.06 | 10.0 | 196.0 | 0.53 |
| 3772 | 201 | 202 | < 5 | 1.17 | 2.30 | 131.0 | 170.0 | 0.40 | 1.65 | 30 | 0.60 | 0.59 | 16 | 9.2 | 26.6 | 3.10 | < 0.10 | 2.72 | 10.0 | 132.0 | 0.51 |
| 3773 | 201 | 202 | < 5 | 1.17 | 1.40 | 88.2 | 270.0 | 0.50 | 1.27 | 20 | 1.36 | 0.53 | 16 | 9.0 | 29.8 | 3.10 | < 0.10 | 2.56 | 10.0 | 64.0 | 0.44 |
| 3774 | 201 | 202 | < 5 | 0.91 | 2.20 | 109.0 | 200.0 | 0.40 | 1.01 | 20 | 0.78 | 0.61 | 12 | 7.8 | 25.6 | 2.40 | < 0.10 | 2.43 | 10.0 | 72.0 | 0.35 |
| 3775 | 201 | 202 | < 5 | 0.79 | 2.30 | 66.0 | 210.0 | 0.25 | 0.67 | 30 | 0.60 | 0.96 | 10 | 7.8 | 24.6 | 2.00 | < 0.10 | 2.20 | 10.0 | 52.0 | 0.49 |
| 3776 | 201 | 202 | < 5 | 0.63 | 1.90 | 94.6 | 90.0 | 0.20 | 0.70 | 30 | 0.62 | 0.53 | 6 | 7.4 | 24.0 | 1.90 | < 0.10 | 1.96 | < 10.0 | 28.0 | 0.19 |
| 3777 | 214 | -- | 6550 | 1.68 | 688.0 | 726 | 320.0 | 2.15 | 1.46 | 40 | 1.78 | 2.08 | 147 | 17.0 | 137.5 | 7.90 | 0.10 | 2.83 | < 10.0 | 454.0 | 0.07 |
| 3784 | 201 | 202 | < 5 | 0.71 | 3.60 | 36.2 | 340.0 | 0.40 | 0.52 | 20 | 1.14 | 1.03 | 7 | 8.4 | 35.6 | 1.60 | < 0.10 | 2.25 | < 10.0 | 124.0 | 0.28 |
| 3785 | 201 | 202 | < 5 | 0.99 | 3.30 | 251 | 130.0 | 0.35 | 1.79 | 30 | 0.52 | 0.27 | 13 | 8.4 | 28.0 | 2.40 | < 0.10 | 3.46 | 10.0 | 268.0 | 0.32 |
| 3786 | 201 | 202 | < 5 | 0.86 | 2.50 | 108.0 | 210.0 | 0.30 | 1.04 | 20 | 0.40 | 0.07 | 9 | 5.6 | 24.6 | 2.60 | < 0.10 | 3.53 | 10.0 | 204.0 | 0.14 |
| 3787 | 201 | 202 | < 5 | 0.83 | 3.00 | 100.0 | 90.0 | 0.15 | 1.04 | 30 | 0.26 | 0.08 | 11 | 5.6 | 21.2 | 3.10 | < 0.10 | 3.52 | 10.0 | 84.0 | 0.17 |
| 3788 | 201 | 202 | < 5 | 0.48 | 3.80 | 17.6 | 210.0 | 0.65 | 0.32 | 20 | 0.36 | 4.12 | 9 | 7.0 | 36.2 | 1.10 | < 0.10 | 2.17 | 10.0 | 32.0 | 2.04 |
| 3789 | 201 | 202 | < 5 | 0.51 | 3.20 | 58.8 | 50.0 | 0.10 | 0.69 | 20 | 0.18 | 0.03 | 6 | 4.6 | 20.6 | 2.00 | < 0.10 | 2.17 | < 10.0 | 42.0 | 0.07 |
| 3790 | 201 | 202 | < 5 | 0.63 | 3.40 | 54.4 | 180.0 | 0.30 | 0.61 | 20 | 0.54 | 0.11 | 7 | 6.2 | 35.6 | 1.80 | < 0.10 | 2.28 | 10.0 | 80.0 | 0.13 |

CERTIFICATION: _____

# ALS Chemex

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


To: NEWMONT EXPLORATION LIMITED

10101 DRY CREEK RD.
ENGLEWOOD, COLORADO
80112, USA

Project : TAY-LP
Comments: ATTN: RICHARD GORTON CC: MIKE STAMMERS


Certificate Date: 01-AUG-2000
Invoice No. : I0024267
P.O. Number :21341
Account :TNFA

## CERTIFICATE OF ANALYSIS A0024267

| SAMPLE | PREP CODE | | Mn ppm | Hg ppm | Mo ppm | Ni ppm | P ppm | K % | Sc ppm | Se ppm | Ag ppm | Na % | Sr ppm | S % | Te ppm | Tl ppm | Ti % | W ppm | U ppm | V ppm | Zn ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 3771 | 201 | 202 | 1075 | 0.05 | 2.80 | 38.0 | 1060 | 0.05 | 3.0 | 0.5 | 1.28 | 0.01 | 28.0 | 0.01 | < 0.05 | 0.06 | 0.01 | 0.20 | 0.95 | 24 | 316 |
| 3772 | 201 | 202 | 670 | 0.05 | 2.20 | 28.0 | 770 | 0.06 | 2.0 | 0.5 | 0.92 | 0.01 | 26.0 | 0.02 | < 0.05 | 0.06 | 0.01 | 0.25 | 1.70 | 27 | 198 |
| 3773 | 201 | 202 | 560 | 0.05 | 1.60 | 27.0 | 940 | 0.04 | 1.0 | 0.5 | 0.40 | 0.01 | 26.0 | 0.03 | < 0.05 | 0.02 | 0.01 | 1.25 | 1.05 | 24 | 186 |
| 3774 | 201 | 202 | 495 | 0.05 | 2.00 | 28.0 | 880 | 0.04 | 1.0 | 0.5 | 0.44 | 0.01 | 23.0 | 0.03 | < 0.05 | 0.06 | 0.01 | 0.55 | 1.35 | 20 | 172 |
| 3775 | 201 | 202 | 370 | 0.05 | 2.20 | 28.0 | 800 | 0.05 | 1.0 | 0.5 | 0.50 | 0.02 | 26.0 | 0.03 | < 0.05 | 0.06 | < 0.01 | 0.05 | 0.75 | 17 | 162 |
| 3776 | 201 | 202 | 200 | 0.03 | 4.20 | 39.0 | 570 | 0.03 | < 1.0 | 1.0 | 0.34 | 0.02 | 15.0 | 0.04 | 0.05 | 0.10 | 0.01 | 0.35 | 1.60 | 12 | 56 |
| 3784 | 201 | 202 | 285 | 0.07 | 2.80 | 38.0 | 1100 | 0.04 | 1.0 | 2.0 | 0.88 | 0.01 | 36.0 | 0.06 | < 0.05 | 0.10 | < 0.01 | 0.15 | 3.60 | 16 | 240 |
| 3785 | 201 | 202 | 250 | 0.03 | 4.00 | 39.0 | 1050 | 0.04 | 1.0 | 1.5 | 0.98 | < 0.01 | 20.0 | 0.01 | < 0.05 | 0.10 | < 0.01 | 0.15 | 1.50 | 23 | 252 |
| 3786 | 201 | 202 | 295 | 0.02 | 4.40 | 24.0 | 520 | 0.03 | < 1.0 | 0.5 | 0.30 | 0.01 | 7.0 | < 0.01 | < 0.05 | 0.06 | < 0.01 | 0.20 | 0.90 | 32 | 140 |
| 3787 | 201 | 202 | 145 | 0.04 | 3.80 | 26.0 | 1040 | 0.03 | < 1.0 | 1.0 | 0.46 | < 0.01 | 13.0 | < 0.01 | < 0.05 | 0.08 | 0.01 | 0.20 | 0.80 | 31 | 138 |
| 3788 | 201 | 202 | 365 | 0.14 | 2.60 | 43.0 | 2220 | 0.04 | 1.0 | 0.5 | 0.62 | 0.01 | 30.0 | 0.04 | < 0.05 | 0.10 | < 0.01 | 0.15 | 1.75 | 17 | 44 |
| 3789 | 201 | 202 | 120 | 0.03 | 3.40 | 19.0 | 680 | 0.03 | < 1.0 | 0.5 | 1.32 | 0.01 | 5.0 | 0.01 | 0.05 | 0.06 | < 0.01 | 0.10 | 0.75 | 23 | 116 |
| 3790 | 201 | 202 | 160 | 0.10 | 4.20 | 34.0 | 780 | 0.05 | < 1.0 | 1.0 | 1.06 | < 0.01 | 16.0 | 0.01 | 0.05 | 0.10 | < 0.01 | 0.05 | 0.95 | 19 | 202 |

CERTIFICATION: _____

# ALS Chemex

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


To: NEWMONT EXPLORATION LIMITED

10101 DRY CREEK RD.
ENGLEWOOD, COLORADO
80112, USA

A0026699

Comments: ATTN: RICHARD GORTON CC: MIKE STAMMERS

## CERTIFICATE A0026699

(TNFA) - NEWMONT EXPLORATION LIMITED

Project: TAY-LP
P.O. # : 21341

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

## SAMPLE PREPARATION

| CHEMEX CODE | NUMBER SAMPLES | DESCRIPTION |
|---|---|---|
| 201 | 106 | Dry, sieve to -80 mesh |
| 202 | 106 | save reject |

* NOTE 1:

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

## ANALYTICAL PROCEDURES

| CHEMEX CODE | NUMBER SAMPLES | DESCRIPTION | METHOD | DETECTION LIMIT | UPPER LIMIT |
|---|---|---|---|---|---|
| 983 | 106 | Au ppb: Fuse 30 g sample | FA-AAS | 5 | 10000 |
| 9201 | 106 | Al %: ICP + ICP-MS package | ICP | 0.01 | 15.00 |
| 9202 | 106 | Sb ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.05 | 10000 |
| 9203 | 106 | As ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.1 | 10000 |
| 9204 | 106 | Ba ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.2 | 10000 |
| 9205 | 106 | Be ppm: ICP + ICP-MS package | ICP | 0.05 | 100.0 |
| 9206 | 106 | Bi ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.01 | 10000 |
| 9235 | 106 | B ppm: ICP + ICP-MS package | ICP | 10 | 10000 |
| 9207 | 106 | Cd ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.01 | 500 |
| 9208 | 106 | Ca %: ICP + ICP-MS package | ICP | 0.01 | 15.00 |
| 9209 | 106 | Cr ppm: ICP + ICP-MS package | ICP | 1 | 10000 |
| 9210 | 106 | Co ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.1 | 10000 |
| 9211 | 106 | Cu ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.2 | 10000 |
| 9212 | 106 | Ga ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.05 | 10000 |
| 9213 | 106 | Ge ppm: ICP + ICP-MS package | ICP-MS | 0.05 | 500.0 |
| 9214 | 106 | Fe %: ICP + ICP-MS package | ICP | 0.01 | 15.00 |
| 9215 | 106 | La ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.2 | 10000 |
| 9216 | 106 | Pb ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.2 | 10000 |
| 9217 | 106 | Mg %: ICP + ICP-MS package | ICP | 0.01 | 15.00 |
| 9218 | 106 | Mn ppm: ICP + ICP-MS package | ICP | 5 | 10000 |
| 9219 | 106 | Hg ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.01 | 10000 |
| 9220 | 106 | Mo ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.05 | 10000 |
| 9221 | 106 | Ni ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.5 | 10000 |
| 9222 | 106 | P ppm: ICP + ICP-MS package | ICP | 10 | 10000 |
| 9223 | 106 | K %: ICP + ICP-MS package | ICP | 0.01 | 10.00 |
| 9224 | 106 | Sc ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.1 | 10000 |
| 9237 | 106 | Se ppm: ICP + ICP-MS package | ICP-MS | 0.2 | 1000 |
| 9225 | 106 | Ag ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.01 | 100.0 |
| 9226 | 106 | Na %: ICP + ICP-MS package | ICP | 0.01 | 10.00 |
| 9227 | 106 | Sr ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.2 | 10000 |
| 9236 | 106 | S %: ICP + ICP-MS package | ICP | 0.01 | 5.00 |
| 9228 | 106 | Te ppm: ICP + ICP-MS package | ICP-MS | 0.01 | 500 |
| 9229 | 106 | Tl ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.02 | 10000 |
| 9230 | 106 | Ti %: ICP + ICP-MS package | ICP | 0.01 | 10.00 |
| 9231 | 106 | W ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.05 | 10000 |
| 9232 | 106 | U ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.05 | 10000 |
| 9233 | 106 | V ppm: ICP + ICP-MS package | ICP | 1 | 10000 |
| 9234 | 106 | Zn ppm: ICP + ICP-MS package | ICP | 2 | 10000 |

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To: NEWMONT EXPLORATION LIMITED

10101 DRY CREEK RD.
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80112, USA

Project : TAY-LP
Comments: ATTN: RICHARD GORTON CC: MIKE STAMMERS


Certificate Date: 28-AUG-2000
Invoice No. : I0026699
P.O. Number :21341
Account :TNFA

## CERTIFICATE OF ANALYSIS A0026699

| SAMPLE | PREP CODE | | Au ppb FA+AA | Al % | Sb ppm | As ppm | Ba ppm | Be ppm | Bi ppm | B ppm | Cd ppm | Ca % | Cr ppm | Co ppm | Cu ppm | Ga ppm | Ge ppm | Fe % | La ppm | Pb ppm | Mg % |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NDS 2100 | 201 | 202 | < 5 | 2.18 | 0.30 | 46.4 | 90.0 | 0.65 | 0.55 | < 10 | 0.32 | 0.60 | 26 | 10.6 | 19.8 | 4.40 | < 0.10 | 3.71 | 10.0 | 20.0 | 1.64 |
| NDS 2101 | 201 | 202 | < 5 | 2.96 | 0.30 | 21.2 | 120.0 | 0.45 | 0.64 | < 10 | 0.48 | 0.62 | 45 | 11.8 | 16.6 | 6.70 | < 0.10 | 3.79 | 10.0 | 20.0 | 1.63 |
| NDS 2102 | 201 | 202 | < 5 | 1.75 | 0.40 | 32.0 | 80.0 | 0.35 | 0.63 | < 10 | 0.32 | 0.30 | 24 | 10.0 | 14.8 | 3.60 | < 0.10 | 2.75 | 10.0 | 24.0 | 0.79 |
| NDS 2103 | 201 | 202 | < 5 | 1.97 | 0.30 | 15.4 | 70.0 | 0.45 | 1.00 | < 10 | 0.10 | 0.33 | 25 | 7.8 | 12.2 | 4.80 | < 0.10 | 2.71 | < 10.0 | 8.0 | 1.06 |
| NDS 2104 | 201 | 202 | < 5 | 2.00 | 0.10 | 11.6 | 100.0 | 0.25 | 0.53 | < 10 | 0.44 | 0.43 | 25 | 7.0 | 9.0 | 5.10 | < 0.10 | 2.28 | < 10.0 | 2.0 | 1.41 |
| NDS 2105 | 201 | 202 | < 5 | 2.41 | 0.30 | 12.2 | 140.0 | 0.60 | 1.98 | < 10 | 0.32 | 0.68 | 27 | 8.6 | 11.8 | 5.10 | < 0.10 | 3.50 | 10.0 | 14.0 | 1.68 |
| NDS 2106 | 201 | 202 | 25 | 2.05 | 1.00 | 92.4 | 100.0 | 0.35 | 2.05 | < 10 | 0.30 | 4.00 | 30 | 9.8 | 17.6 | 4.60 | < 0.10 | 3.78 | 10.0 | 16.0 | 3.37 |
| NDS 2107 | 201 | 202 | 10 | 2.35 | 0.30 | 26.6 | 120.0 | 0.65 | 1.60 | < 10 | 0.50 | 0.38 | 49 | 10.6 | 20.8 | 6.30 | < 0.10 | 3.28 | 10.0 | 30.0 | 1.21 |
| NDS 2108 | 201 | 202 | < 5 | 3.11 | 0.10 | 12.0 | 190.0 | 0.50 | 0.55 | < 10 | 0.16 | 0.58 | 33 | 12.8 | 17.6 | 6.60 | < 0.10 | 3.48 | < 10.0 | 20.0 | 1.81 |
| NDS 2109 | 201 | 202 | 10 | 3.60 | 0.10 | 67.0 | 210.0 | 0.55 | 1.04 | < 10 | 0.34 | 4.36 | 42 | 13.0 | 23.0 | 7.60 | < 0.10 | 3.21 | 10.0 | 10.0 | 2.12 |
| NDS 2110 | 201 | 202 | 20 | 3.51 | 0.70 | 18.4 | 140.0 | 0.70 | 3.71 | < 10 | 0.28 | 0.93 | 43 | 16.0 | 23.0 | 7.20 | < 0.10 | 4.19 | 10.0 | 42.0 | 1.54 |
| NDS 2111 | 201 | 202 | < 5 | 3.88 | 0.20 | 14.0 | 250.0 | 0.70 | 0.47 | < 10 | 0.38 | 2.22 | 35 | 12.2 | 22.6 | 7.30 | < 0.10 | 3.01 | 10.0 | 18.0 | 1.47 |
| NDS 2112 | 201 | 202 | < 5 | 3.94 | 0.10 | 3.2 | 270.0 | 0.65 | 0.28 | < 10 | 0.10 | 12.45 | 36 | 12.0 | 20.8 | 7.50 | < 0.10 | 2.29 | 10.0 | 2.0 | 1.93 |
| NDS 2113 | 201 | 202 | < 5 | 4.07 | 1.50 | 18.4 | 290.0 | 0.85 | 0.22 | < 10 | 0.10 | 10.50 | 40 | 14.6 | 24.8 | 7.80 | < 0.10 | 3.05 | 10.0 | 4.0 | 1.65 |
| NDS 2114 | 201 | 202 | 30 | 4.56 | 0.60 | 6.8 | 280.0 | 1.35 | 2.98 | < 10 | 0.26 | 1.19 | 72 | 11.6 | 22.8 | 9.30 | < 0.10 | 3.62 | 20.0 | 10.0 | 3.05 |
| NDS 2115 | 201 | 202 | 10 | 1.31 | 0.70 | 14.4 | 70.0 | 0.25 | 4.30 | < 10 | 0.06 | 0.14 | 15 | 9.6 | 20.4 | 2.80 | < 0.10 | 2.70 | 10.0 | 4.0 | 0.34 |
| NDS 2116 | 201 | 202 | 25 | 2.17 | 3.50 | 241 | 90.0 | 0.85 | 3.27 | < 10 | 0.32 | 0.39 | 27 | 22.2 | 39.0 | 4.20 | 0.10 | 5.09 | 30.0 | 26.0 | 0.83 |
| NDS 2117 | 201 | 202 | < 5 | 2.08 | 1.70 | 19.4 | 150.0 | 0.55 | 0.79 | < 10 | 0.32 | 0.54 | 28 | 8.8 | 21.8 | 4.10 | < 0.10 | 2.75 | 10.0 | 2.0 | 1.72 |
| NDS 2118 | 201 | 202 | < 5 | 2.79 | 0.10 | 3.8 | 70.0 | 0.50 | 0.74 | < 10 | 0.10 | 0.86 | 20 | 5.0 | 5.2 | 4.80 | < 0.10 | 2.11 | < 10.0 | 2.0 | 3.34 |
| NDS 2119 | 201 | 202 | < 5 | 3.27 | < 0.10 | 5.6 | 70.0 | 0.45 | 0.17 | < 10 | 0.14 | 0.95 | 39 | 7.4 | 7.2 | 5.70 | < 0.10 | 2.04 | < 10.0 | < 2.0 | 3.97 |
| NDS 2120 | 201 | 202 | < 5 | 1.95 | 0.50 | 39.8 | 80.0 | 0.55 | 0.40 | < 10 | 0.08 | 0.36 | 20 | 8.4 | 15.8 | 4.60 | < 0.10 | 2.70 | < 10.0 | 8.0 | 0.72 |
| NDS 2121 | 201 | 202 | < 5 | 0.47 | 1.70 | 50.0 | 40.0 | 0.25 | 0.53 | < 10 | 0.10 | 11.35 | 2 | 20.6 | 11.2 | 1.10 | < 0.10 | 2.81 | < 10.0 | < 2.0 | 2.52 |
| NDS 2122 | 201 | 202 | < 5 | 2.58 | 0.30 | 25.8 | 60.0 | 0.55 | 0.80 | < 10 | 0.16 | 0.35 | 36 | 15.8 | 28.8 | 5.70 | < 0.10 | 4.45 | 20.0 | 24.0 | 1.04 |
| NDS 2123 | 201 | 202 | 25 | 1.97 | 1.50 | 29.6 | 110.0 | 0.95 | 1.16 | < 10 | 0.60 | 3.92 | 22 | 51.3 | 34.4 | 4.40 | < 0.10 | 3.00 | 20.0 | 12.0 | 0.79 |
| NDS 2124 | 201 | 202 | 45 | 1.65 | 0.50 | 15.2 | 40.0 | 0.90 | 2.96 | < 10 | 0.78 | 0.16 | 28 | 15.8 | 43.0 | 4.10 | < 0.10 | 3.24 | 10.0 | 102.0 | 0.52 |
| NDS 2125 | 201 | 202 | 10 | 2.02 | 0.40 | 18.8 | 80.0 | 0.85 | 1.12 | < 10 | 0.54 | 0.44 | 38 | 15.6 | 32.2 | 5.20 | 0.10 | 3.37 | 10.0 | 32.0 | 0.85 |
| NDS 2126 | 201 | 202 | < 5 | 1.04 | 0.30 | 20.4 | 60.0 | 0.25 | 3.48 | < 10 | 2.28 | 1.27 | 13 | 6.0 | 17.2 | 2.20 | < 0.10 | 1.63 | 10.0 | 326.0 | 0.39 |
| NDS 2127 | 201 | 202 | 10 | 1.12 | 0.50 | 78.0 | 80.0 | 0.80 | 2.68 | < 10 | 1.00 | 0.17 | 14 | 5.0 | 13.8 | 2.40 | < 0.10 | 1.64 | < 10.0 | 196.0 | 0.24 |
| NDS 2128 | 201 | 202 | < 5 | 1.01 | 0.60 | 68.4 | 50.0 | 0.75 | 5.91 | < 10 | 1.56 | 0.08 | 13 | 4.8 | 12.6 | 2.30 | < 0.10 | 1.63 | < 10.0 | 310.0 | 0.18 |
| NDS 2129 | 201 | 202 | 10 | 1.15 | 0.70 | 93.0 | 70.0 | 1.15 | 19.05 | < 10 | 3.66 | 0.24 | 14 | 5.6 | 16.6 | 2.40 | < 0.10 | 2.07 | 10.0 | 418.0 | 0.25 |
| NDS 2130 | 201 | 202 | < 5 | 0.57 | < 0.10 | 2.8 | 20.0 | 0.15 | 0.48 | < 10 | 0.86 | 0.04 | 1 | 1.2 | 3.4 | 1.80 | < 0.10 | 0.38 | < 10.0 | 8.0 | 0.04 |
| NDS 2131 | 201 | 202 | < 5 | 0.14 | < 0.10 | 2.2 | 10.0 | 0.05 | 0.24 | < 10 | 0.10 | 0.02 | < 1 | 0.4 | 1.0 | 0.60 | < 0.10 | 0.24 | < 10.0 | 4.0 | < 0.01 |
| NDS 2132 | 201 | 202 | < 5 | 0.76 | 0.30 | 82.6 | 40.0 | 0.70 | 4.03 | < 10 | 0.18 | 0.04 | 7 | 2.4 | 8.4 | 3.20 | < 0.10 | 1.69 | < 10.0 | 24.0 | 0.11 |
| NDS 2133 | 201 | 202 | < 5 | 3.15 | 0.70 | 71.6 | 180.0 | 0.90 | 0.63 | < 10 | 0.32 | 1.39 | 38 | 17.6 | 25.6 | 7.90 | < 0.10 | 3.67 | 10.0 | 12.0 | 1.30 |
| NDS 2134 | 201 | 202 | < 5 | 1.86 | 0.60 | 30.2 | 80.0 | 0.70 | 0.49 | < 10 | 0.12 | 0.30 | 26 | 12.0 | 22.4 | 5.10 | < 0.10 | 3.46 | 10.0 | 4.0 | 1.07 |
| NDS 2135 | 201 | 202 | < 5 | 2.55 | 0.50 | 178.5 | 120.0 | 0.85 | 0.38 | < 10 | 0.36 | 0.96 | 29 | 11.8 | 14.2 | 6.60 | < 0.10 | 2.62 | 10.0 | 44.0 | 1.36 |
| NDS 2136 | 201 | 202 | < 5 | 1.19 | 0.30 | 28.6 | 110.0 | 0.30 | 0.88 | < 10 | 0.26 | 0.21 | 16 | 8.2 | 12.0 | 4.00 | < 0.10 | 2.11 | < 10.0 | 6.0 | 0.70 |
| NDS 2137 | 201 | 202 | 30 | 2.66 | 0.10 | 5.8 | 130.0 | 0.70 | 13.10 | < 10 | 0.26 | 2.57 | 21 | 27.2 | 59.7 | 6.80 | 0.10 | 4.69 | < 10.0 | < 2.0 | 3.97 |
| NDS 2138 | 201 | 202 | < 5 | 0.95 | 0.40 | 6.0 | 90.0 | 0.35 | 0.76 | < 10 | 0.46 | 7.02 | 7 | 5.6 | 11.8 | 2.50 | < 0.10 | 2.31 | 10.0 | 4.0 | 4.40 |
| NDS 2139 | 201 | 202 | < 5 | 1.31 | 0.30 | 7.2 | 50.0 | 0.50 | 1.65 | < 10 | 0.26 | 7.37 | 10 | 7.0 | 9.6 | 3.20 | < 0.10 | 2.64 | < 10.0 | < 2.0 | 5.28 |

CERTIFICATION: _____

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Certificate Date: 28-AUG-2000
Invoice No. : I0026699
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Account :TNFA

## CERTIFICATE OF ANALYSIS A0026699

| SAMPLE | PREP CODE | Mn ppm | Hg ppm | Mo ppm | Ni ppm | P ppm | K % | Sc ppm | Se ppm | Ag ppm | Na % | Sr ppm | S % | Te ppm | Tl ppm | Ti % | W ppm | U ppm | V ppm | Zn ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NDS 2100 | 201 202 | 685 | 0.02 | 1.60 | 30.0 | 950 | 0.04 | 3.0 | < 0.5 | 0.14 | 0.01 | 16.0 | 0.05 | < 0.05 | 0.12 | 0.05 | 0.25 | 0.95 | 42 | 106 |
| NDS 2101 | 201 202 | 725 | < 0.01 | 1.60 | 35.0 | 1020 | 0.09 | 3.0 | < 0.5 | 0.06 | 0.01 | 25.0 | 0.05 | < 0.05 | 0.12 | 0.05 | 0.40 | 0.90 | 53 | 168 |
| NDS 2102 | 201 202 | 625 | 0.01 | 1.40 | 28.0 | 900 | 0.07 | 1.0 | < 0.5 | 0.16 | 0.01 | 16.0 | 0.04 | 0.05 | 0.10 | 0.04 | 0.40 | 0.75 | 33 | 80 |
| NDS 2103 | 201 202 | 260 | 0.01 | 1.40 | 23.0 | 610 | 0.08 | 1.0 | < 0.5 | 0.10 | 0.01 | 15.0 | 0.04 | < 0.05 | 0.08 | 0.05 | 0.55 | 0.85 | 55 | 48 |
| NDS 2104 | 201 202 | 515 | 0.04 | 1.20 | 25.0 | 760 | 0.21 | 2.0 | < 0.5 | 0.08 | 0.01 | 18.0 | 0.02 | < 0.05 | 0.12 | 0.08 | 0.35 | 0.55 | 71 | 148 |
| NDS 2105 | 201 202 | 1195 | 0.03 | 1.20 | 22.0 | 620 | 0.08 | 3.0 | < 0.5 | 0.12 | 0.01 | 17.0 | 0.04 | 0.05 | 0.16 | 0.07 | 0.50 | 0.55 | 52 | 86 |
| NDS 2106 | 201 202 | 1350 | 0.05 | 1.20 | 27.0 | 1110 | 0.12 | 4.0 | < 0.5 | 0.18 | 0.01 | 27.0 | 0.03 | 0.05 | 0.32 | 0.07 | 1.80 | 0.50 | 57 | 72 |
| NDS 2107 | 201 202 | 800 | 0.01 | 1.80 | 32.0 | 1180 | 0.15 | 1.0 | < 0.5 | 0.12 | 0.01 | 17.0 | 0.06 | < 0.05 | 0.12 | 0.05 | 0.85 | 1.55 | 101 | 202 |
| NDS 2108 | 201 202 | 580 | 0.03 | 0.60 | 26.0 | 750 | 0.29 | 2.0 | < 0.5 | 0.08 | 0.02 | 22.0 | 0.04 | < 0.05 | 0.16 | 0.10 | 0.90 | 0.40 | 41 | 102 |
| NDS 2109 | 201 202 | 420 | 0.03 | 1.00 | 35.0 | 630 | 0.36 | 4.0 | < 0.5 | 0.14 | 0.08 | 151.0 | 0.07 | < 0.05 | 0.32 | 0.08 | 0.50 | 2.35 | 56 | 76 |
| NDS 2110 | 201 202 | 560 | 0.03 | 1.00 | 44.0 | 920 | 0.19 | 4.0 | < 0.5 | 0.70 | 0.04 | 68.0 | 0.08 | < 0.05 | 0.20 | 0.05 | 0.60 | 1.45 | 41 | 72 |
| NDS 2111 | 201 202 | 455 | 0.07 | 0.60 | 31.0 | 810 | 0.11 | 4.0 | < 0.5 | 0.14 | 0.09 | 124.0 | 0.12 | < 0.05 | 0.20 | 0.05 | 0.35 | 1.35 | 40 | 74 |
| NDS 2112 | 201 202 | 270 | 0.02 | 0.60 | 32.0 | 430 | 0.28 | 5.0 | < 0.5 | 0.10 | 0.16 | 389.0 | 0.03 | < 0.05 | 0.22 | 0.06 | 0.20 | 0.70 | 32 | 52 |
| NDS 2113 | 201 202 | 260 | 0.03 | 0.80 | 38.0 | 490 | 0.39 | 6.0 | < 0.5 | 0.16 | 0.18 | 375.0 | 0.08 | 0.05 | 0.24 | 0.05 | 0.20 | 0.80 | 32 | 46 |
| NDS 2114 | 201 202 | 280 | 0.02 | 0.60 | 36.0 | 380 | 0.11 | 10.0 | < 0.5 | 0.34 | 0.03 | 46.0 | 0.02 | < 0.05 | 0.20 | 0.05 | 0.25 | 1.10 | 59 | 74 |
| NDS 2115 | 201 202 | 335 | 0.02 | 0.60 | 22.0 | 740 | 0.06 | < 1.0 | < 0.5 | 0.08 | 0.01 | 13.0 | 0.04 | < 0.05 | 0.06 | 0.01 | 0.35 | 1.10 | 18 | 30 |
| NDS 2116 | 201 202 | 675 | 0.03 | 1.40 | 60.0 | 740 | 0.10 | 4.0 | 0.5 | 0.80 | 0.01 | 53.0 | 0.04 | 0.05 | 0.18 | 0.01 | 3.00 | 2.20 | 42 | 84 |
| NDS 2117 | 201 202 | 385 | 0.01 | 7.60 | 54.0 | 1000 | 0.09 | 3.0 | < 0.5 | 0.06 | 0.01 | 18.0 | 0.01 | < 0.05 | 0.20 | 0.05 | 0.65 | 2.15 | 144 | 82 |
| NDS 2118 | 201 202 | 425 | 0.01 | 0.80 | 12.0 | 500 | 0.06 | 2.0 | < 0.5 | 0.06 | < 0.01 | 12.0 | 0.02 | 0.05 | 0.30 | 0.08 | 0.90 | 0.35 | 34 | 42 |
| NDS 2119 | 201 202 | 605 | < 0.01 | 0.80 | 15.0 | 400 | 0.41 | 4.0 | < 0.5 | 0.04 | < 0.01 | 10.0 | 0.02 | < 0.05 | 0.32 | 0.09 | 0.15 | 0.35 | 35 | 32 |
| NDS 2120 | 201 202 | 410 | 0.01 | 1.40 | 24.0 | 750 | 0.05 | 1.0 | < 0.5 | 0.10 | 0.01 | 21.0 | 0.04 | < 0.05 | 0.08 | 0.03 | 0.60 | 1.15 | 24 | 38 |
| NDS 2121 | 201 202 | 1165 | 0.01 | 0.40 | 18.0 | 450 | 0.01 | < 1.0 | < 0.5 | 0.16 | 0.01 | 136.0 | 0.04 | < 0.05 | 0.02 | < 0.01 | 0.10 | 0.85 | 6 | 16 |
| NDS 2122 | 201 202 | 440 | 0.03 | 0.80 | 41.0 | 790 | 0.10 | 4.0 | < 0.5 | 0.14 | 0.01 | 49.0 | 0.03 | 0.05 | 0.12 | 0.03 | 0.85 | 1.90 | 25 | 74 |
| NDS 2123 | 201 202 | 1985 | 0.09 | 0.80 | 114.0 | 900 | 0.17 | 4.0 | < 0.5 | 0.62 | 0.03 | 227.0 | 0.02 | 0.05 | 0.44 | 0.03 | 29.9 | 1.20 | 22 | 114 |
| NDS 2124 | 201 202 | 280 | 0.04 | 0.60 | 32.0 | 620 | 0.26 | 3.0 | < 0.5 | 0.44 | 0.01 | 35.0 | 0.05 | 0.05 | 0.28 | 0.07 | 5.75 | 1.30 | 28 | 82 |
| NDS 2125 | 201 202 | 405 | 0.01 | 0.80 | 37.0 | 700 | 0.29 | 5.0 | < 0.5 | 0.32 | 0.02 | 51.0 | 0.03 | < 0.05 | 0.32 | 0.08 | 3.80 | 1.15 | 37 | 106 |
| NDS 2126 | 201 202 | 590 | 0.09 | 0.20 | 12.0 | 890 | 0.04 | 1.0 | 0.5 | 2.02 | 0.02 | 67.0 | 0.07 | < 0.05 | 0.08 | 0.02 | 17.65 | 0.85 | 19 | 136 |
| NDS 2127 | 201 202 | 410 | 0.08 | 1.00 | 12.0 | 830 | 0.04 | < 1.0 | < 0.5 | 0.72 | 0.01 | 18.0 | 0.03 | < 0.05 | 0.08 | 0.03 | 15.90 | 5.05 | 22 | 134 |
| NDS 2128 | 201 202 | 590 | 0.18 | 1.20 | 10.0 | 840 | 0.05 | < 1.0 | 0.5 | 2.34 | < 0.01 | 13.0 | 0.07 | < 0.05 | 0.10 | 0.01 | 17.10 | 7.15 | 20 | 190 |
| NDS 2129 | 201 202 | 700 | 0.08 | 1.20 | 13.0 | 950 | 0.07 | 1.0 | 0.5 | 4.70 | 0.01 | 31.0 | 0.06 | 0.05 | 0.10 | 0.02 | 4.75 | 13.55 | 19 | 468 |
| NDS 2130 | 201 202 | 65 | 0.03 | 0.20 | < 1.0 | 270 | 0.03 | < 1.0 | 0.5 | 0.38 | 0.02 | 7.0 | 0.03 | < 0.05 | < 0.02 | 0.01 | 0.20 | 0.70 | 6 | 14 |
| NDS 2131 | 201 202 | 10 | 0.03 | < 0.20 | < 1.0 | 270 | 0.01 | < 1.0 | < 0.5 | 0.16 | 0.02 | 5.0 | 0.01 | < 0.05 | < 0.02 | < 0.01 | 0.05 | 0.55 | 7 | 4 |
| NDS 2132 | 201 202 | 175 | 0.02 | 1.00 | 6.0 | 450 | 0.05 | < 1.0 | < 0.5 | 0.14 | 0.01 | 10.0 | 0.01 | < 0.05 | 0.06 | 0.01 | 0.45 | 3.10 | 17 | 74 |
| NDS 2133 | 201 202 | 835 | 0.03 | 1.40 | 34.0 | 1570 | 0.12 | 3.0 | < 0.5 | 0.12 | 0.04 | 74.0 | 0.11 | < 0.05 | 0.14 | 0.04 | 0.85 | 0.90 | 32 | 60 |
| NDS 2134 | 201 202 | 520 | 0.03 | 2.00 | 32.0 | 780 | 0.12 | 2.0 | < 0.5 | 0.06 | < 0.01 | 22.0 | 0.03 | 0.05 | 0.16 | 0.04 | 0.85 | 1.00 | 38 | 44 |
| NDS 2135 | 201 202 | 495 | 0.04 | 0.60 | 20.0 | 970 | 0.26 | 3.0 | < 0.5 | 0.18 | 0.05 | 61.0 | 0.07 | < 0.05 | 0.20 | 0.05 | 0.45 | 0.60 | 29 | 76 |
| NDS 2136 | 201 202 | 1525 | 0.02 | 2.00 | 14.0 | 620 | 0.09 | < 1.0 | < 0.5 | 0.06 | < 0.01 | 13.0 | 0.06 | 0.05 | 0.16 | 0.04 | 0.55 | 0.45 | 48 | 46 |
| NDS 2137 | 201 202 | 970 | 0.02 | 1.00 | 57.0 | 2470 | 0.26 | 3.0 | < 0.5 | 0.26 | 0.01 | 24.0 | 0.06 | 0.30 | 0.52 | 0.06 | 1.15 | 1.00 | 56 | 66 |
| NDS 2138 | 201 202 | 1315 | 0.04 | 0.80 | 9.0 | 870 | 0.05 | < 1.0 | 0.5 | 0.12 | < 0.01 | 49.0 | 0.06 | < 0.05 | 0.10 | 0.02 | 0.80 | 0.65 | 15 | 62 |
| NDS 2139 | 201 202 | 1450 | 0.04 | 0.60 | 11.0 | 770 | 0.05 | 2.0 | < 0.5 | 0.10 | < 0.01 | 44.0 | 0.04 | < 0.05 | 0.28 | 0.04 | 0.35 | 0.35 | 26 | 34 |

CERTIFICATION: _____

# ALS Chemex

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To: NEWMONT EXPLORATION LIMITED

10101 DRY CREEK RD.
ENGLEWOOD, COLORADO
80112, USA

Project : TAY-LP
Comments: ATTN: RICHARD GORTON CC: MIKE STAMMERS


Certificate Date: 28-AUG-2000
Invoice No. : I0026699
P.O. Number :21341
Account :TNFA

## CERTIFICATE OF ANALYSIS A0026699

| SAMPLE | PREP CODE | | Au ppb FA+AA | Al % | Sb ppm | As ppm | Ba ppm | Be ppm | Bi ppm | B ppm | Cd ppm | Ca % | Cr ppm | Co ppm | Cu ppm | Ga ppm | Ge ppm | Fe % | La ppm | Pb ppm | Mg % |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NDS 2140 | 201 | 202 | 70 | 1.24 | 4.40 | 260 | 40.0 | 0.15 | 1.26 | < 10 | 0.18 | 7.77 | 14 | 6.4 | 11.0 | 3.30 | < 0.10 | 2.74 | 10.0 | 2.0 | 5.06 |
| NDS 2141 | 201 | 202 | 10 | 1.46 | 0.30 | 10.4 | 70.0 | 0.35 | 1.97 | < 10 | 0.24 | 3.37 | 14 | 7.2 | 9.0 | 3.40 | < 0.10 | 1.61 | < 10.0 | 2.0 | 2.85 |
| NDS 2142 | 201 | 202 | 30 | 1.09 | 4.70 | 278 | 70.0 | 0.80 | 4.81 | < 10 | 1.26 | 4.31 | 17 | 10.0 | 27.0 | 2.80 | < 0.10 | 3.97 | 10.0 | 64.0 | 2.84 |
| NDS 2143 | 201 | 202 | < 5 | 1.75 | 0.50 | 24.0 | 110.0 | 0.45 | 0.32 | < 10 | 1.14 | 0.99 | 35 | 7.2 | 16.2 | 4.50 | < 0.10 | 1.94 | < 10.0 | 26.0 | 1.04 |
| NDS 2144 | 201 | 202 | < 5 | 3.45 | 0.20 | 14.6 | 100.0 | 0.85 | 0.13 | < 10 | 0.16 | 1.29 | 42 | 16.4 | 17.2 | 7.80 | 0.10 | 3.14 | 10.0 | < 2.0 | 1.87 |
| NDS 2145 | 201 | 202 | < 5 | 2.40 | 2.00 | 100.0 | 90.0 | 0.75 | 0.39 | < 10 | 0.18 | 0.89 | 18 | 22.8 | 38.6 | 5.90 | 0.10 | 4.53 | 20.0 | 2.0 | 1.54 |
| NDS 2146 | 201 | 202 | 10 | 1.64 | 1.40 | 40.0 | 90.0 | 0.65 | 2.48 | < 10 | 0.16 | 0.29 | 28 | 11.4 | 23.4 | 3.60 | < 0.10 | 2.82 | 10.0 | 10.0 | 0.71 |
| NDS 2147 | 201 | 202 | < 5 | 1.33 | 1.30 | 46.8 | 110.0 | 0.50 | 1.30 | < 10 | 0.12 | 0.52 | 20 | 8.8 | 13.8 | 4.10 | < 0.10 | 2.37 | < 10.0 | 10.0 | 0.49 |
| NDS 2148 | 201 | 202 | 20 | 2.04 | 2.20 | 228 | 90.0 | 1.15 | 3.75 | < 10 | 0.14 | 0.37 | 29 | 19.4 | 32.4 | 4.90 | < 0.10 | 4.36 | 10.0 | 14.0 | 0.81 |
| NDS 2149 | 201 | 202 | < 5 | 1.96 | 3.80 | 35.2 | 120.0 | 0.85 | 1.40 | < 10 | 0.82 | 0.54 | 25 | 13.2 | 32.0 | 4.30 | < 0.10 | 3.02 | 10.0 | 4.0 | 1.70 |
| NDS 2150 | 201 | 202 | 15 | 2.11 | 2.50 | 126.5 | 80.0 | 0.60 | 1.80 | < 10 | 0.12 | 0.59 | 25 | 16.2 | 30.0 | 4.90 | < 0.10 | 3.86 | 10.0 | 18.0 | 1.34 |
| NDS 2151 | 201 | 202 | 10 | 2.46 | 0.40 | 11.4 | 100.0 | 0.60 | 1.40 | < 10 | 0.24 | 0.82 | 27 | 9.0 | 14.8 | 5.40 | < 0.10 | 2.57 | 10.0 | 2.0 | 2.40 |
| NDS 2152 | 201 | 202 | < 5 | 2.91 | 0.20 | 49.6 | 70.0 | 0.75 | 0.58 | < 10 | 0.18 | 0.41 | 31 | 15.2 | 22.0 | 6.70 | < 0.10 | 3.55 | 10.0 | 6.0 | 1.70 |
| NDS 2153 | 201 | 202 | < 5 | 2.95 | 0.40 | 25.0 | 100.0 | 0.85 | 0.53 | < 10 | 0.22 | 0.55 | 32 | 13.2 | 22.0 | 6.80 | < 0.10 | 3.32 | 10.0 | 6.0 | 1.20 |
| NDS 2154 | 201 | 202 | 5 | 0.95 | 0.20 | 11.2 | 40.0 | 0.20 | 0.75 | < 10 | 0.04 | 0.05 | 12 | 4.8 | 11.0 | 2.80 | < 0.10 | 1.49 | < 10.0 | 6.0 | 0.25 |
| NDS 2155 | 201 | 202 | 20 | 1.44 | 0.50 | 11.0 | 40.0 | 0.50 | 4.75 | < 10 | 0.12 | 0.04 | 23 | 9.4 | 42.8 | 6.00 | < 0.10 | 4.20 | < 10.0 | 16.0 | 0.37 |
| NDS 2156 | 201 | 202 | < 5 | 0.59 | < 0.10 | 0.8 | 30.0 | 0.15 | 0.35 | < 10 | 0.14 | 0.31 | 1 | 2.0 | 6.0 | 1.50 | < 0.10 | 0.40 | < 10.0 | < 2.0 | 0.05 |
| NDS 2157 | 201 | 202 | < 5 | 2.55 | 0.40 | 31.6 | 60.0 | 0.85 | 2.22 | < 10 | 0.24 | 0.25 | 36 | 13.2 | 32.4 | 7.30 | < 0.10 | 4.10 | 10.0 | 28.0 | 0.75 |
| NDS 2170 | 201 | 202 | 20 | 2.40 | 8.30 | 1060 | 150.0 | 0.85 | 0.34 | < 10 | 1.36 | 0.88 | 33 | 13.2 | 21.0 | 5.90 | < 0.10 | 3.33 | 20.0 | 120.0 | 1.21 |
| NDS 2171 | 201 | 202 | < 5 | 3.10 | 0.30 | 36.6 | 150.0 | 0.90 | 0.33 | < 10 | 0.16 | 1.45 | 37 | 12.2 | 15.8 | 6.90 | < 0.10 | 2.88 | 10.0 | 8.0 | 1.37 |
| NDS 2172 | 201 | 202 | < 5 | 3.64 | 0.10 | 44.0 | 200.0 | 0.90 | 0.45 | < 10 | 0.12 | 2.30 | 43 | 19.2 | 20.2 | 9.70 | 0.10 | 4.19 | 30.0 | 2.0 | 2.30 |
| NDS 2173 | 201 | 202 | < 5 | 3.23 | 0.10 | 28.6 | 120.0 | 0.85 | 0.16 | < 10 | 0.14 | 1.81 | 38 | 11.6 | 18.4 | 8.00 | < 0.10 | 2.82 | 10.0 | 8.0 | 1.67 |
| NDS 2174 | 201 | 202 | < 5 | 2.91 | 0.10 | 9.4 | 160.0 | 0.85 | 0.14 | < 10 | 0.08 | 1.08 | 39 | 13.4 | 18.4 | 7.60 | < 0.10 | 3.12 | 20.0 | 4.0 | 1.63 |
| NDS 2175 | 201 | 202 | < 5 | 3.99 | 0.40 | 44.8 | 130.0 | 1.05 | 0.21 | < 10 | 0.08 | 1.66 | 41 | 16.4 | 21.4 | 9.80 | 0.10 | 3.28 | 20.0 | 2.0 | 2.10 |
| NDS 2176 | 201 | 202 | < 5 | 4.10 | 0.20 | 21.0 | 150.0 | 0.90 | 0.35 | < 10 | 0.08 | 1.25 | 47 | 14.4 | 20.2 | 10.10 | 0.10 | 3.56 | 10.0 | < 2.0 | 2.29 |
| NDS 2177 | 201 | 202 | 30 | 2.59 | 0.40 | 11.4 | 160.0 | 0.60 | 9.28 | < 10 | 0.16 | 2.26 | 26 | 21.8 | 83.3 | 5.90 | 0.10 | 4.15 | 10.0 | < 2.0 | 3.44 |
| NDS 2178 | 201 | 202 | 10 | 2.54 | 1.80 | 232 | 160.0 | 1.15 | 1.04 | < 10 | 1.00 | 3.24 | 39 | 17.0 | 30.2 | 7.60 | 0.10 | 3.53 | 10.0 | 86.0 | 3.44 |
| NDS 2179 | 201 | 202 | 10 | 3.58 | 0.40 | 47.8 | 150.0 | 0.55 | 1.10 | < 10 | 0.74 | 4.61 | 39 | 23.4 | 40.0 | 9.70 | 0.10 | 4.26 | 10.0 | 38.0 | 2.03 |
| NDS 2180 | 201 | 202 | 15 | 3.74 | 0.40 | 49.0 | 180.0 | 0.50 | 1.39 | < 10 | 0.26 | 6.49 | 38 | 34.4 | 56.3 | 10.50 | 0.10 | 4.43 | 10.0 | 12.0 | 2.13 |
| NDS 2181 | 201 | 202 | 70 | 0.76 | 0.40 | 113.0 | 40.0 | 0.45 | 20.0 | < 10 | 0.32 | 0.17 | 9 | 24.2 | 37.0 | 2.10 | 0.10 | 3.67 | 40.0 | 56.0 | 0.24 |
| NDS 2182 | 201 | 202 | 45 | 2.20 | 1.10 | 131.0 | 80.0 | 0.35 | 5.69 | < 10 | 0.32 | 0.85 | 30 | 24.2 | 32.8 | 5.60 | < 0.10 | 4.33 | 30.0 | 36.0 | 0.96 |
| NDS 2183 | 201 | 202 | 15 | 3.68 | 0.30 | 46.4 | 90.0 | 0.55 | 1.96 | < 10 | 0.34 | 2.27 | 46 | 25.0 | 48.0 | 9.10 | 0.10 | 5.03 | 10.0 | 16.0 | 1.25 |
| NDS 2184 | 201 | 202 | 220 | 2.19 | 2.60 | 199.5 | 60.0 | 1.00 | 3.32 | < 10 | 0.26 | 0.78 | 28 | 15.6 | 28.0 | 5.60 | 0.10 | 4.08 | 40.0 | 22.0 | 0.93 |
| NDS 2185 | 201 | 202 | 25 | 1.57 | 4.90 | 94.8 | 80.0 | 1.20 | 1.27 | < 10 | 0.20 | 0.39 | 21 | 8.2 | 21.6 | 3.20 | < 0.10 | 3.10 | 10.0 | 44.0 | 1.01 |
| NDS 2186 | 201 | 202 | < 5 | 1.81 | 6.30 | 77.8 | 180.0 | 0.65 | 0.61 | < 10 | 0.68 | 0.71 | 31 | 11.6 | 37.6 | 4.20 | 0.10 | 3.35 | 20.0 | 32.0 | 1.31 |
| NDS 2187 | 201 | 202 | < 5 | 1.40 | 0.40 | 372 | 180.0 | 0.30 | 0.24 | < 10 | 0.06 | 0.68 | 10 | 7.4 | 7.8 | 3.20 | < 0.10 | 4.65 | 10.0 | 18.0 | 0.34 |
| NDS 2188 | 201 | 202 | < 5 | 1.53 | 4.00 | 73.4 | 70.0 | 0.40 | 0.72 | < 10 | 0.72 | 0.32 | 23 | 19.2 | 45.8 | 3.90 | < 0.10 | 4.84 | 10.0 | 30.0 | 0.84 |
| NDS 2189 | 201 | 202 | < 5 | 1.54 | 2.60 | 43.8 | 110.0 | 1.20 | 0.66 | < 10 | 1.80 | 0.34 | 24 | 18.0 | 81.0 | 3.40 | 0.10 | 4.36 | 30.0 | 72.0 | 0.98 |
| NDS 2190 | 201 | 202 | < 5 | 2.62 | 0.60 | 5.6 | 690.0 | 1.00 | 0.17 | 10 | 0.34 | 1.13 | 17 | 8.6 | 22.6 | 5.70 | < 0.10 | 2.24 | 10.0 | 10.0 | 0.62 |
| NDS 2201 | 201 | 202 | < 5 | 3.21 | 0.30 | 186.5 | 130.0 | 0.80 | 0.36 | < 10 | 0.44 | 1.29 | 38 | 13.8 | 19.4 | 7.80 | 0.10 | 3.58 | 30.0 | 36.0 | 1.79 |

CERTIFICATION: _____

# ALS Chemex

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To: NEWMONT EXPLORATION LIMITED

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ENGLEWOOD, COLORADO
80112, USA

Project : TAY-LP
Comments: ATTN: RICHARD GORTON CC: MIKE STAMMERS


Certificate Date: 28-AUG-2000
Invoice No. : I0026699
P.O. Number :21341
Account :TNFA

## CERTIFICATE OF ANALYSIS A0026699

| SAMPLE | PREP CODE | | Mn ppm | Hg ppm | Mo ppm | Ni ppm | P ppm | K % | Sc ppm | Se ppm | Ag ppm | Na % | Sr ppm | S % | Te ppm | Tl ppm | Ti % | W ppm | U ppm | V ppm | Zn ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NDS 2140 | 201 | 202 | 1355 | 0.01 | 1.00 | 15.0 | 480 | 0.10 | 3.0 | < 0.5 | 0.18 | < 0.01 | 47.0 | 0.03 | < 0.05 | 0.32 | 0.03 | 1.10 | 0.40 | 16 | 38 |
| NDS 2141 | 201 | 202 | 390 | 0.02 | 0.40 | 13.0 | 560 | 0.09 | 2.0 | < 0.5 | 0.08 | 0.02 | 22.0 | 0.05 | 0.05 | 0.20 | 0.05 | 1.50 | 0.40 | 37 | 36 |
| NDS 2142 | 201 | 202 | 1675 | 0.06 | 3.00 | 32.0 | 1140 | 0.04 | 2.0 | < 0.5 | 0.48 | 0.01 | 31.0 | 0.06 | 0.05 | 0.26 | 0.02 | 2.90 | 1.10 | 61 | 202 |
| NDS 2143 | 201 | 202 | 330 | 0.03 | 1.80 | 21.0 | 1380 | 0.05 | 1.0 | < 0.5 | 0.22 | 0.04 | 36.0 | 0.06 | < 0.05 | 0.08 | 0.03 | 0.30 | 1.45 | 94 | 106 |
| NDS 2144 | 201 | 202 | 555 | 0.01 | 0.40 | 36.0 | 460 | 0.39 | 4.0 | < 0.5 | 0.10 | 0.07 | 79.0 | 0.04 | < 0.05 | 0.32 | 0.08 | 0.30 | 0.90 | 43 | 40 |
| NDS 2145 | 201 | 202 | 620 | 0.04 | 2.20 | 33.0 | 1930 | 0.14 | 7.0 | 0.5 | 0.30 | 0.01 | 30.0 | 0.02 | < 0.05 | 0.16 | 0.05 | 2.00 | 1.05 | 94 | 50 |
| NDS 2146 | 201 | 202 | 365 | < 0.01 | 1.20 | 36.0 | 550 | 0.04 | 3.0 | < 0.5 | 0.14 | 0.01 | 22.0 | 0.02 | < 0.05 | 0.10 | 0.03 | 0.65 | 0.90 | 34 | 46 |
| NDS 2147 | 201 | 202 | 800 | 0.01 | 1.00 | 17.0 | 1380 | 0.05 | < 1.0 | 0.5 | 0.12 | 0.01 | 22.0 | 0.07 | < 0.05 | 0.10 | 0.01 | 0.50 | 0.60 | 26 | 40 |
| NDS 2148 | 201 | 202 | 670 | 0.01 | 1.20 | 43.0 | 950 | 0.06 | 4.0 | < 0.5 | 0.34 | < 0.01 | 28.0 | 0.04 | < 0.05 | 0.16 | 0.01 | 1.50 | 1.55 | 31 | 62 |
| NDS 2149 | 201 | 202 | 585 | 0.02 | 13.00 | 73.0 | 2110 | 0.25 | 4.0 | < 0.5 | 0.18 | < 0.01 | 22.0 | 0.01 | < 0.05 | 0.34 | 0.05 | 2.35 | 3.15 | 202 | 114 |
| NDS 2150 | 201 | 202 | 340 | 0.01 | 2.80 | 40.0 | 980 | 0.18 | 4.0 | < 0.5 | 0.40 | 0.01 | 59.0 | 0.06 | < 0.05 | 0.18 | 0.03 | 0.80 | 2.10 | 47 | 60 |
| NDS 2151 | 201 | 202 | 565 | 0.04 | 2.80 | 27.0 | 890 | 0.26 | 3.0 | < 0.5 | 0.08 | 0.01 | 26.0 | 0.02 | < 0.05 | 0.36 | 0.07 | 4.05 | 1.15 | 88 | 68 |
| NDS 2152 | 201 | 202 | 545 | < 0.01 | 1.20 | 32.0 | 520 | 0.08 | 3.0 | < 0.5 | 0.10 | 0.01 | 25.0 | 0.02 | < 0.05 | 0.16 | 0.06 | 0.50 | 1.15 | 36 | 72 |
| NDS 2153 | 201 | 202 | 500 | 0.03 | 1.20 | 29.0 | 1050 | 0.09 | 3.0 | < 0.5 | 0.12 | 0.01 | 46.0 | 0.03 | 0.05 | 0.12 | 0.05 | 0.40 | 1.15 | 37 | 64 |
| NDS 2154 | 201 | 202 | 170 | 0.02 | 0.60 | 10.0 | 470 | 0.03 | < 1.0 | < 0.5 | 0.18 | 0.01 | 10.0 | 0.02 | < 0.05 | 0.06 | 0.01 | 0.55 | 0.50 | 16 | 20 |
| NDS 2155 | 201 | 202 | 150 | 0.03 | 1.00 | 27.0 | 360 | 0.08 | 1.0 | < 0.5 | 0.12 | < 0.01 | 15.0 | 0.03 | 0.05 | 0.14 | 0.05 | 4.25 | 1.05 | 32 | 44 |
| NDS 2156 | 201 | 202 | 90 | 0.01 | 0.20 | 1.0 | 270 | 0.02 | < 1.0 | 0.5 | 0.02 | 0.03 | 32.0 | 0.03 | < 0.05 | < 0.02 | 0.02 | 0.20 | 0.20 | 7 | 18 |
| NDS 2157 | 201 | 202 | 230 | 0.03 | 1.20 | 34.0 | 470 | 0.21 | 3.0 | < 0.5 | 0.26 | < 0.01 | 42.0 | 0.03 | 0.05 | 0.20 | 0.09 | 6.05 | 1.20 | 35 | 80 |
| NDS 2170 | 201 | 202 | 770 | 0.05 | 0.60 | 27.0 | 590 | 0.10 | 4.0 | < 0.5 | 1.00 | 0.04 | 49.0 | 0.05 | < 0.05 | 0.16 | 0.06 | 0.30 | 0.55 | 34 | 316 |
| NDS 2171 | 201 | 202 | 610 | 0.05 | 0.60 | 26.0 | 620 | 0.29 | 4.0 | < 0.5 | 0.16 | 0.11 | 91.0 | 0.06 | < 0.05 | 0.22 | 0.07 | 0.30 | 0.55 | 39 | 44 |
| NDS 2172 | 201 | 202 | 800 | 0.02 | 0.60 | 31.0 | 1120 | 0.87 | 6.0 | < 0.5 | 0.10 | 0.03 | 74.0 | 0.02 | < 0.05 | 0.52 | 0.09 | 0.20 | 0.50 | 49 | 48 |
| NDS 2173 | 201 | 202 | 710 | 0.04 | 0.40 | 22.0 | 810 | 0.13 | 3.0 | < 0.5 | 0.10 | 0.11 | 100.0 | 0.08 | < 0.05 | 0.24 | 0.05 | 0.25 | 0.55 | 37 | 50 |
| NDS 2174 | 201 | 202 | 570 | 0.02 | 0.40 | 26.0 | 470 | 0.19 | 6.0 | < 0.5 | 0.06 | 0.07 | 76.0 | 0.01 | < 0.05 | 0.22 | 0.09 | 0.15 | 0.45 | 35 | 48 |
| NDS 2175 | 201 | 202 | 480 | < 0.01 | 0.40 | 27.0 | 530 | 0.58 | 6.0 | < 0.5 | 0.08 | 0.13 | 156.0 | 0.02 | < 0.05 | 0.28 | 0.08 | 0.15 | 0.55 | 36 | 42 |
| NDS 2176 | 201 | 202 | 520 | < 0.01 | 0.40 | 27.0 | 780 | 0.38 | 6.0 | < 0.5 | 0.10 | 0.11 | 90.0 | 0.04 | < 0.05 | 0.28 | 0.09 | 0.15 | 1.15 | 54 | 44 |
| NDS 2177 | 201 | 202 | 530 | 0.03 | 5.00 | 41.0 | 1150 | 0.46 | 4.0 | < 0.5 | 0.18 | 0.01 | 30.0 | 0.05 | 0.15 | 0.48 | 0.08 | 2.25 | 1.70 | 69 | 48 |
| NDS 2178 | 201 | 202 | 815 | 0.06 | 4.40 | 46.0 | 1490 | 0.73 | 6.0 | 0.5 | 0.40 | < 0.01 | 37.0 | 0.01 | < 0.05 | 0.66 | 0.06 | 5.60 | 1.30 | 143 | 128 |
| NDS 2179 | 201 | 202 | 1045 | 0.04 | 1.20 | 51.0 | 700 | 0.39 | 9.0 | < 0.5 | 0.28 | 0.12 | 181.0 | 0.06 | < 0.05 | 0.50 | 0.08 | 0.85 | 0.95 | 44 | 110 |
| NDS 2180 | 201 | 202 | 665 | 0.04 | 1.20 | 77.0 | 820 | 0.75 | 8.0 | < 0.5 | 0.20 | 0.10 | 202.0 | 0.09 | < 0.05 | 0.62 | 0.08 | 0.65 | 1.05 | 37 | 60 |
| NDS 2181 | 201 | 202 | 580 | 0.03 | 0.80 | 46.0 | 700 | 0.09 | 1.0 | < 0.5 | 0.92 | 0.01 | 16.0 | 0.03 | 0.15 | 0.12 | 0.01 | 1.45 | 2.65 | 9 | 66 |
| NDS 2182 | 201 | 202 | 560 | 0.04 | 1.00 | 53.0 | 960 | 0.28 | 3.0 | < 0.5 | 0.38 | 0.03 | 46.0 | 0.07 | 0.05 | 0.26 | 0.04 | 1.00 | 2.15 | 24 | 66 |
| NDS 2183 | 201 | 202 | 1165 | 0.08 | 0.20 | 53.0 | 810 | 0.35 | 7.0 | < 0.5 | 0.20 | 0.11 | 384.0 | 0.09 | < 0.05 | 0.38 | 0.06 | 2.35 | 1.40 | 37 | 50 |
| NDS 2184 | 201 | 202 | 425 | 0.05 | 0.80 | 43.0 | 850 | 0.19 | 4.0 | 0.5 | 1.96 | 0.02 | 70.0 | 0.05 | < 0.05 | 0.36 | 0.03 | 11.95 | 2.60 | 26 | 74 |
| NDS 2185 | 201 | 202 | 575 | 0.05 | 5.20 | 38.0 | 1000 | 0.05 | 2.0 | 0.5 | 0.96 | < 0.01 | 16.0 | 0.03 | < 0.05 | 0.18 | 0.01 | 1.00 | 1.40 | 81 | 78 |
| NDS 2186 | 201 | 202 | 785 | 0.02 | 6.40 | 51.0 | 1720 | 0.10 | 3.0 | < 0.5 | 0.34 | < 0.01 | 20.0 | 0.01 | < 0.05 | 0.18 | 0.03 | 0.70 | 2.05 | 127 | 86 |
| NDS 2187 | 201 | 202 | 315 | 0.03 | 1.80 | 12.0 | 670 | 0.04 | 1.0 | < 0.5 | 0.02 | < 0.01 | 27.0 | 0.01 | < 0.05 | 0.12 | < 0.01 | 0.40 | 0.70 | 20 | 46 |
| NDS 2188 | 201 | 202 | 535 | 0.02 | 8.20 | 58.0 | 970 | 0.06 | 1.0 | 1.0 | 0.02 | < 0.01 | 13.0 | 0.01 | < 0.05 | 0.08 | 0.01 | 0.65 | 1.00 | 42 | 480 |
| NDS 2189 | 201 | 202 | 910 | 0.04 | 27.80 | 128.0 | 1700 | 0.07 | 3.0 | 1.5 | 1.20 | < 0.01 | 30.0 | 0.01 | 0.05 | 0.26 | < 0.01 | 1.40 | 3.60 | 112 | 820 |
| NDS 2190 | 201 | 202 | 535 | 0.06 | 1.00 | 19.0 | 530 | 0.56 | 5.0 | < 0.5 | 0.14 | 0.14 | 87.0 | 0.01 | < 0.05 | 0.26 | 0.09 | 0.30 | 0.95 | 53 | 80 |
| NDS 2201 | 201 | 202 | 625 | 0.01 | 0.40 | 28.0 | 770 | 0.19 | 4.0 | < 0.5 | 0.30 | 0.07 | 77.0 | 0.06 | < 0.05 | 0.24 | 0.06 | 0.15 | 0.60 | 34 | 84 |

CERTIFICATION: _____

# ALS Chemex

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To: NEWMONT EXPLORATION LIMITED

10101 DRY CREEK RD.
ENGLEWOOD, COLORADO
80112, USA

Project : TAY-LP
Comments: ATTN: RICHARD GORTON CC: MIKE STAMMERS


Certificate Date: 28-AUG-2000
Invoice No. : I0026699
P.O. Number :21341
Account :TNFA

## CERTIFICATE OF ANALYSIS A0026699

| SAMPLE | PREP CODE | | Au ppb FA+AA | Al % | Sb ppm | As ppm | Ba ppm | Be ppm | Bi ppm | B ppm | Cd ppm | Ca % | Cr ppm | Co ppm | Cu ppm | Ga ppm | Ge ppm | Fe % | La ppm | Pb ppm | Mg % |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NDS 2202 | 201 | 202 | < 5 | 3.30 | 0.10 | 188.5 | 150.0 | 1.05 | 0.19 | < 10 | 0.12 | 0.88 | 39 | 16.6 | 16.6 | 8.20 | 0.10 | 3.66 | 20.0 | 6.0 | 1.94 |
| NDS 2203 | 201 | 202 | 5 | 3.51 | 0.10 | 207 | 170.0 | 0.90 | 0.33 | < 10 | 0.38 | 1.64 | 38 | 15.4 | 24.2 | 8.50 | 0.10 | 3.45 | 20.0 | 8.0 | 2.21 |
| NDS 2204 | 201 | 202 | < 5 | 3.86 | < 0.10 | 74.6 | 370.0 | 0.85 | 0.19 | < 10 | 0.16 | 3.92 | 59 | 17.0 | 20.0 | 10.20 | 0.10 | 3.97 | 10.0 | < 2.0 | 2.99 |
| NDS 2205 | 201 | 202 | < 5 | 3.50 | 0.20 | 50.8 | 180.0 | 1.10 | 0.31 | < 10 | 0.26 | 1.15 | 37 | 14.6 | 20.8 | 7.90 | 0.10 | 3.59 | 20.0 | < 2.0 | 2.25 |
| NDS 2206 | 201 | 202 | < 5 | 3.36 | 0.20 | 13.8 | 140.0 | 1.00 | 0.39 | < 10 | 0.22 | 1.12 | 39 | 12.8 | 19.0 | 8.20 | 0.10 | 3.82 | 10.0 | 6.0 | 3.26 |
| NDS 2207 | 201 | 202 | 10 | 1.56 | < 0.10 | 2.8 | 40.0 | 0.70 | 1.18 | < 10 | 0.08 | 6.64 | 13 | 2.8 | 4.8 | 3.00 | < 0.10 | 1.10 | < 10.0 | < 2.0 | 3.81 |
| NDS 2208 | 201 | 202 | < 5 | 1.46 | 2.00 | 69.6 | 80.0 | 0.95 | 0.51 | < 10 | 0.28 | 5.88 | 14 | 7.8 | 15.2 | 3.30 | < 0.10 | 2.69 | < 10.0 | < 2.0 | 4.75 |
| NDS 2209 | 201 | 202 | 20 | 0.40 | 6.60 | 1925 | 80.0 | 0.55 | 2.97 | < 10 | 0.32 | 8.37 | 6 | 18.4 | 21.4 | 1.20 | < 0.10 | 4.36 | < 10.0 | 46.0 | 4.52 |
| NDS 2210 | 201 | 202 | 10 | 0.63 | 5.50 | 274 | 70.0 | 0.60 | 1.24 | < 10 | 0.36 | 7.71 | 11 | 7.0 | 14.0 | 1.60 | < 0.10 | 2.81 | < 10.0 | 20.0 | 4.63 |
| NDS 2211 | 201 | 202 | 10 | 1.54 | 3.90 | 1160 | 130.0 | 0.90 | 0.44 | < 10 | 1.98 | 1.24 | 22 | 16.8 | 30.6 | 3.30 | < 0.10 | 4.58 | 20.0 | 220.0 | 1.14 |
| NDS 2212 | 201 | 202 | < 5 | 2.93 | 0.40 | 26.8 | 190.0 | 0.75 | 0.30 | < 10 | 0.16 | 1.62 | 37 | 12.4 | 15.4 | 7.30 | 0.10 | 3.28 | 20.0 | 2.0 | 1.93 |
| NDS 2213 | 201 | 202 | < 5 | 2.98 | 0.40 | 15.6 | 160.0 | 0.75 | 0.25 | < 10 | 0.14 | 0.68 | 34 | 14.8 | 21.8 | 6.90 | < 0.10 | 3.56 | 10.0 | 4.0 | 1.93 |
| NDS 2214 | 201 | 202 | 75 | 2.72 | 0.10 | 9.0 | 160.0 | 0.50 | 13.10 | < 10 | 0.28 | 2.20 | 25 | 42.4 | 118.5 | 6.60 | 0.30 | 6.04 | 10.0 | 8.0 | 4.24 |
| NDS 2215 | 201 | 202 | 60 | 2.61 | 1.00 | 396 | 190.0 | 1.10 | 11.20 | < 10 | 0.38 | 5.59 | 27 | 24.2 | 65.6 | 6.60 | 0.10 | 4.32 | 10.0 | 20.0 | 3.70 |
| NDS 2216 | 201 | 202 | 35 | 0.76 | 13.40 | 740 | 60.0 | 0.80 | 2.53 | < 10 | 1.08 | 1.20 | 17 | 17.0 | 48.0 | 2.20 | 0.10 | 4.03 | 20.0 | 86.0 | 0.65 |
| NDS 2217 | 201 | 202 | 55 | 0.50 | 29.30 | 818 | 60.0 | 0.45 | 4.02 | < 10 | 0.72 | 1.42 | 6 | 31.4 | 96.2 | 1.70 | < 0.10 | 6.05 | 10.0 | 72.0 | 0.64 |
| NDS 2218 | 201 | 202 | 60 | 0.63 | 14.50 | 2450 | 110.0 | 0.70 | 3.90 | < 10 | 5.24 | 0.75 | 14 | 16.8 | 68.5 | 1.80 | 0.10 | 4.90 | 10.0 | 668.0 | 0.25 |
| NDS 2219 | 201 | 202 | 30 | 1.29 | 11.20 | 1070 | 90.0 | 0.80 | 2.09 | < 10 | 1.60 | 1.03 | 21 | 12.8 | 43.8 | 3.10 | < 0.10 | 3.78 | 20.0 | 250.0 | 0.98 |
| NDS 2220 | 201 | 202 | 15 | 0.80 | 4.50 | 492 | 50.0 | 0.35 | 1.38 | < 10 | 0.28 | 0.84 | 10 | 12.0 | 25.0 | 1.90 | < 0.10 | 2.53 | < 10.0 | 46.0 | 0.28 |
| NDS 2221 | 201 | 202 | 60 | 1.99 | 3.30 | 492 | 80.0 | 1.00 | 1.98 | < 10 | 0.38 | 1.12 | 30 | 17.4 | 36.8 | 4.70 | < 0.10 | 4.24 | 10.0 | 52.0 | 0.83 |
| NDS 2222 | 201 | 202 | 20 | 1.62 | 7.30 | 457 | 80.0 | 0.65 | 4.33 | < 10 | 0.40 | 0.38 | 19 | 15.4 | 37.2 | 4.20 | < 0.10 | 5.89 | 10.0 | 8.0 | 1.14 |
| NDS 2223 | 201 | 202 | < 5 | 1.39 | 2.00 | 144.5 | 60.0 | 0.55 | 0.68 | < 10 | 0.72 | 0.32 | 11 | 5.4 | 11.6 | 2.80 | < 0.10 | 1.49 | < 10.0 | 136.0 | 1.58 |
| NDS 2224 | 201 | 202 | 20 | 1.90 | 5.50 | 306 | 90.0 | 0.70 | 1.09 | < 10 | 0.38 | 0.41 | 30 | 18.2 | 37.0 | 4.90 | < 0.10 | 4.62 | 10.0 | 246.0 | 1.23 |
| NDS 2225 | 201 | 202 | 15 | 1.49 | 3.70 | 178.5 | 60.0 | 0.50 | 0.91 | < 10 | 1.18 | 0.61 | 24 | 9.2 | 23.0 | 3.30 | < 0.10 | 2.31 | 10.0 | 210.0 | 0.95 |
| NDS 2226 | 201 | 202 | < 5 | 0.88 | 2.30 | 1340 | 180.0 | 0.90 | 0.42 | < 10 | 0.24 | 0.48 | 11 | 16.2 | 23.2 | 2.20 | 0.10 | 6.82 | 40.0 | 12.0 | 0.42 |
| NDS 2227 | 201 | 202 | < 5 | 3.06 | 1.20 | 238 | 160.0 | 1.25 | 3.01 | < 10 | 0.38 | 1.18 | 12 | 32.8 | 67.6 | 7.30 | 0.10 | 6.71 | 20.0 | < 2.0 | 1.88 |

CERTIFICATION: _____

# ALS Chemex

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

10101 DRY CREEK RD.
ENGLEWOOD, COLORADO
80112, USA

Project : TAY-LP
Comments: ATTN: RICHARD GORTON CC: MIKE STAMMERS


Certificate Date: 28-AUG-2000
Invoice No. : I0026699
P.O. Number :21341
Account :TNFA

## CERTIFICATE OF ANALYSIS A0026699

| SAMPLE | PREP CODE | | Mn ppm | Hg ppm | Mo ppm | Ni ppm | P ppm | K % | Sc ppm | Se ppm | Ag ppm | Na % | Sr ppm | S % | Te ppm | Tl ppm | Ti % | W ppm | U ppm | V ppm | Zn ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NDS 2202 | 201 | 202 | 825 | 0.04 | 0.60 | 29.0 | 590 | 0.35 | 5.0 | < 0.5 | 0.08 | 0.05 | 58.0 | 0.04 | < 0.05 | 0.20 | 0.08 | 0.30 | 0.60 | 46 | 46 |
| NDS 2203 | 201 | 202 | 465 | 0.03 | 0.60 | 32.0 | 530 | 0.54 | 5.0 | < 0.5 | 0.16 | 0.08 | 122.0 | 0.06 | < 0.05 | 0.30 | 0.08 | 0.20 | 0.85 | 36 | 98 |
| NDS 2204 | 201 | 202 | 735 | < 0.01 | 0.80 | 44.0 | 1000 | 1.32 | 7.0 | < 0.5 | 0.10 | 0.05 | 92.0 | 0.02 | < 0.05 | 0.66 | 0.13 | 0.25 | 0.85 | 180 | 46 |
| NDS 2205 | 201 | 202 | 1105 | 0.03 | 1.00 | 29.0 | 730 | 0.56 | 5.0 | < 0.5 | 0.10 | 0.05 | 51.0 | 0.06 | < 0.05 | 0.38 | 0.08 | 0.20 | 2.15 | 48 | 56 |
| NDS 2206 | 201 | 202 | 690 | 0.03 | 2.00 | 37.0 | 1020 | 0.30 | 4.0 | < 0.5 | 0.10 | 0.01 | 30.0 | 0.03 | < 0.05 | 0.42 | 0.11 | 0.35 | 0.95 | 173 | 68 |
| NDS 2207 | 201 | 202 | 425 | < 0.01 | 0.20 | 6.0 | 300 | 0.17 | 1.0 | < 0.5 | 0.04 | < 0.01 | 41.0 | < 0.01 | < 0.05 | 0.30 | 0.06 | 0.15 | 0.40 | 14 | 24 |
| NDS 2208 | 201 | 202 | 1505 | 0.01 | 1.00 | 14.0 | 590 | 0.05 | 1.0 | < 0.5 | 0.10 | < 0.01 | 32.0 | 0.06 | < 0.05 | 0.28 | 0.03 | 0.40 | 0.65 | 24 | 58 |
| NDS 2209 | 201 | 202 | 3250 | 0.13 | 1.20 | 28.0 | 710 | 0.04 | 1.0 | < 0.5 | 0.92 | < 0.01 | 89.0 | 0.06 | 0.10 | 0.32 | < 0.01 | 1.00 | 0.55 | 13 | 58 |
| NDS 2210 | 201 | 202 | 1455 | 0.08 | 2.40 | 18.0 | 430 | 0.04 | 1.0 | 0.5 | 0.52 | < 0.01 | 58.0 | 0.03 | 0.05 | 0.12 | 0.01 | 0.55 | 0.45 | 19 | 128 |
| NDS 2211 | 201 | 202 | 1500 | 0.07 | 2.20 | 48.0 | 760 | 0.07 | 5.0 | 1.0 | 2.40 | < 0.01 | 33.0 | 0.04 | < 0.05 | 0.12 | < 0.01 | 0.65 | 0.85 | 30 | 260 |
| NDS 2212 | 201 | 202 | 670 | 0.03 | 0.60 | 27.0 | 590 | 0.31 | 4.0 | < 0.5 | 0.14 | 0.05 | 62.0 | 0.06 | < 0.05 | 0.30 | 0.08 | 0.25 | 0.55 | 34 | 44 |
| NDS 2213 | 201 | 202 | 645 | 0.03 | 1.20 | 31.0 | 630 | 0.29 | 6.0 | < 0.5 | 0.14 | 0.03 | 41.0 | 0.01 | < 0.05 | 0.28 | 0.10 | 0.25 | 0.70 | 54 | 50 |
| NDS 2214 | 201 | 202 | 1035 | 0.01 | 6.20 | 70.0 | 2510 | 1.15 | 5.0 | 0.5 | 0.16 | < 0.01 | 17.0 | 0.06 | 0.20 | 0.86 | 0.09 | 7.00 | 2.80 | 106 | 94 |
| NDS 2215 | 201 | 202 | 750 | 0.03 | 3.00 | 57.0 | 1260 | 0.89 | 4.0 | 0.5 | 0.28 | 0.03 | 66.0 | 0.05 | 0.10 | 0.74 | 0.08 | 5.10 | 1.80 | 97 | 112 |
| NDS 2216 | 201 | 202 | 1005 | 0.01 | 18.80 | 90.0 | 1650 | 0.11 | 5.0 | 1.0 | 1.18 | < 0.01 | 37.0 | 0.06 | 0.05 | 0.16 | < 0.01 | 1.10 | 1.55 | 80 | 306 |
| NDS 2217 | 201 | 202 | 1530 | 0.07 | 10.40 | 108.0 | 1960 | 0.08 | 4.0 | 1.5 | 2.94 | < 0.01 | 58.0 | 0.07 | 0.05 | 0.22 | < 0.01 | 1.45 | 1.70 | 38 | 198 |
| NDS 2218 | 201 | 202 | 2140 | 0.04 | 13.40 | 83.0 | 2060 | 0.08 | 5.0 | 1.5 | 4.06 | < 0.01 | 24.0 | 0.03 | 0.05 | 0.14 | < 0.01 | 1.10 | 1.95 | 93 | 836 |
| NDS 2219 | 201 | 202 | 1005 | 0.04 | 3.60 | 38.0 | 1380 | 0.07 | 4.0 | 0.5 | 4.68 | 0.01 | 26.0 | 0.02 | < 0.05 | 0.12 | 0.01 | 9.65 | 1.00 | 56 | 324 |
| NDS 2220 | 201 | 202 | 305 | 0.03 | 1.00 | 29.0 | 890 | 0.05 | 1.0 | 0.5 | 0.56 | 0.01 | 29.0 | 0.05 | 0.05 | 0.06 | 0.01 | 1.35 | 1.90 | 20 | 70 |
| NDS 2221 | 201 | 202 | 855 | 0.04 | 1.20 | 46.0 | 620 | 0.11 | 4.0 | < 0.5 | 0.96 | 0.06 | 134.0 | 0.05 | 0.05 | 0.14 | 0.04 | 0.50 | 1.25 | 32 | 72 |
| NDS 2222 | 201 | 202 | 1010 | 0.02 | 3.40 | 30.0 | 1280 | 0.07 | 1.0 | < 0.5 | 0.22 | < 0.01 | 25.0 | 0.04 | 0.05 | 0.32 | 0.01 | 1.95 | 1.00 | 45 | 154 |
| NDS 2223 | 201 | 202 | 560 | 0.02 | 1.60 | 14.0 | 630 | 0.10 | < 1.0 | < 0.5 | 0.32 | 0.01 | 14.0 | 0.03 | < 0.05 | 0.16 | 0.02 | 0.30 | 0.40 | 25 | 68 |
| NDS 2224 | 201 | 202 | 1090 | 0.05 | 7.00 | 48.0 | 1290 | 0.12 | 1.0 | < 0.5 | 0.48 | < 0.01 | 21.0 | 0.02 | 0.05 | 0.20 | 0.01 | 0.75 | 1.85 | 94 | 120 |
| NDS 2225 | 201 | 202 | 575 | 0.03 | 3.40 | 38.0 | 2160 | 0.05 | 1.0 | < 0.5 | 0.52 | < 0.01 | 21.0 | 0.02 | < 0.05 | 0.12 | 0.02 | 1.80 | 0.80 | 101 | 230 |
| NDS 2226 | 201 | 202 | 2470 | 0.03 | 1.60 | 36.0 | 600 | 0.14 | 6.0 | 0.5 | 0.40 | < 0.01 | 18.0 | 0.01 | < 0.05 | 0.40 | < 0.01 | 0.70 | 1.20 | 10 | 50 |
| NDS 2227 | 201 | 202 | 2510 | 0.01 | 3.40 | 29.0 | 3520 | 0.12 | 7.0 | < 0.5 | 0.34 | < 0.01 | 48.0 | 0.03 | 0.05 | 0.46 | < 0.01 | 1.20 | 2.55 | 34 | 44 |

CERTIFICATION: _____ +

# ALS Chemex

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To: NEWMONT EXPLORATION LIMITED

10101 DRY CREEK RD.
ENGLEWOOD, COLORADO
80112, USA

A0026700

Comments: ATTN: RICHARD GORTON CC: MIKE STAMMERS

## CERTIFICATE A0026700

(TNFA) - NEWMONT EXPLORATION LIMITED

Project: TAY-LP
P.O. # : 21341

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

## SAMPLE PREPARATION

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

* NOTE 1:

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

## ANALYTICAL PROCEDURES 1 of 2

| CHEMEX CODE | NUMBER SAMPLES | DESCRIPTION | METHOD | DETECTION LIMIT | UPPER LIMIT |
|---|---|---|---|---|---|
| 983 | 3 | Au ppb: Fuse 30 g sample | FA-AAS | 5 | 10000 |
| 9201 | 3 | Al %: ICP + ICP-MS package | ICP | 0.01 | 15.00 |
| 9202 | 3 | Sb ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.05 | 10000 |
| 9203 | 3 | As ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.1 | 10000 |
| 9204 | 3 | Ba ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.2 | 10000 |
| 9205 | 3 | Be ppm: ICP + ICP-MS package | ICP | 0.05 | 100.0 |
| 9206 | 3 | Bi ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.01 | 10000 |
| 9235 | 3 | B ppm: ICP + ICP-MS package | ICP | 10 | 10000 |
| 9207 | 3 | Cd ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.01 | 500 |
| 9208 | 3 | Ca %: ICP + ICP-MS package | ICP | 0.01 | 15.00 |
| 9209 | 3 | Cr ppm: ICP + ICP-MS package | ICP | 1 | 10000 |
| 9210 | 3 | Co ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.1 | 10000 |
| 9211 | 3 | Cu ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.2 | 10000 |
| 9212 | 3 | Ga ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.05 | 10000 |
| 9213 | 3 | Ge ppm: ICP + ICP-MS package | ICP-MS | 0.05 | 500.0 |
| 9214 | 3 | Fe %: ICP + ICP-MS package | ICP | 0.01 | 15.00 |
| 9215 | 3 | La ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.2 | 10000 |
| 9216 | 3 | Pb ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.2 | 10000 |
| 9217 | 3 | Mg %: ICP + ICP-MS package | ICP | 0.01 | 15.00 |
| 9218 | 3 | Mn ppm: ICP + ICP-MS package | ICP | 5 | 10000 |
| 9219 | 3 | Hg ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.01 | 10000 |
| 9220 | 3 | Mo ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.05 | 10000 |
| 9221 | 3 | Ni ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.5 | 10000 |
| 9222 | 3 | P ppm: ICP + ICP-MS package | ICP | 10 | 10000 |
| 9223 | 3 | K %: ICP + ICP-MS package | ICP | 0.01 | 10.00 |
| 9224 | 3 | Sc ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.1 | 10000 |
| 9237 | 3 | Se ppm: ICP + ICP-MS package | ICP-MS | 0.2 | 1000 |
| 9225 | 3 | Ag ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.01 | 100.0 |
| 9226 | 3 | Na %: ICP + ICP-MS package | ICP | 0.01 | 10.00 |
| 9227 | 3 | Sr ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.2 | 10000 |
| 9236 | 3 | S %: ICP + ICP-MS package | ICP | 0.01 | 5.00 |
| 9228 | 3 | Te ppm: ICP + ICP-MS package | ICP-MS | 0.01 | 500 |
| 9229 | 3 | Tl ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.02 | 10000 |
| 9230 | 3 | Ti %: ICP + ICP-MS package | ICP | 0.01 | 10.00 |
| 9231 | 3 | W ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.05 | 10000 |
| 9232 | 3 | U ppm: ICP + ICP-MS package | ICP-MS/ICP | 0.05 | 10000 |
| 9233 | 3 | V ppm: ICP + ICP-MS package | ICP | 1 | 10000 |

# ALS Chemex

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


To: NEWMONT EXPLORATION LIMITED

10101 DRY CREEK RD.
ENGLEWOOD, COLORADO
80112, USA

A0026700

Comments: ATTN: RICHARD GORTON CC: MIKE STAMMERS

## CERTIFICATE A0026700

(TNFA) - NEWMONT EXPLORATION LIMITED

Project: TAY-LP
P.O. # : 21341

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

## SAMPLE PREPARATION

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

* NOTE 1:

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

## ANALYTICAL PROCEDURES 2 of 2

| CHEMEX CODE | NUMBER SAMPLES | DESCRIPTION | METHOD | DETECTION LIMIT | UPPER LIMIT |
|---|---|---|---|---|---|
| 9234 | 3 | Zn ppm: ICP + ICP-MS package | ICP | 2 | 10000 |

# ALS Chemex

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To: NEWMONT EXPLORATION LIMITED

10101 DRY CREEK RD.
ENGLEWOOD, COLORADO
80112, USA

Project : TAY-LP
Comments: ATTN: RICHARD GORTON CC: MIKE STAMMERS

Page Number :1-A
Total Pages :1
Certificate Date: 29-AUG-2000
Invoice No. :I0026700
P.O. Number :21341
Account :TNFA

## CERTIFICATE OF ANALYSIS A0026700

| SAMPLE | PREP CODE | | Au ppb FA+AA | Al % | Sb ppm | As ppm | Ba ppm | Be ppm | Bi ppm | B ppm | Cd ppm | Ca % | Cr ppm | Co ppm | Cu ppm | Ga ppm | Ge ppm | Fe % | La ppm | Pb ppm | Mg % |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TRY-01 | 205 | 226 | 1135 | < 0.01 | 138.00 | >10000 | 10.0 | 0.50 | 42.0 | < 10 | < 0.50 | 1.09 | < 1 | 20.0 | 1.0 | 30.00 | Minrlzd | >15.00 | < 10.0 | 982.0 | 0.03 |
| TRY-02 | 205 | 226 | 10 | 0.03 | 3.30 | 1105 | 30.0 | < 0.05 | 2.31 | < 10 | 0.20 | 0.03 | 135 | 0.8 | 9.2 | < 0.10 | < 0.10 | 0.60 | < 10.0 | 166.0 | < 0.01 |
| TRY-03 | 205 | 226 | < 5 | 0.29 | 0.10 | 67.8 | 40.0 | 0.35 | 1.84 | < 10 | 0.18 | 0.06 | 101 | 1.0 | 2.4 | 0.70 | < 0.10 | 0.68 | < 10.0 | 14.0 | 0.01 |

CERTIFICATION: _____ *+

# ALS Chemex

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


To: NEWMONT EXPLORATION LIMITED

10101 DRY CREEK RD.
ENGLEWOOD, COLORADO
80112, USA

Project : TAY-LP
Comments: ATTN: RICHARD GORTON CC: MIKE STAMMERS


Certificate Date: 29-AUG-2000
Invoice No. : I0026700
P.O. Number :21341
Account :TNFA

## CERTIFICATE OF ANALYSIS A0026700

| SAMPLE | PREP CODE | | Mn ppm | Hg ppm | Mo ppm | Ni ppm | P ppm | K % | Sc ppm | Se ppm | Ag ppm | Na % | Sr ppm | S % | Te ppm | Tl ppm | Ti % | W ppm | U ppm | V ppm | Zn ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TRY-01 | 205 | 226 | 160 | < 1.00 | 12.00 | < 1.0 | 40 | 0.09 | < 1.0 | Minrlzd | 8.20 | < 0.01 | 113.0 | 3.14 | Minrlzd | < 10.00 | < 0.01 | < 10.00 | < 10.00 | < 1 | 14 |
| TRY-02 | 205 | 226 | 25 | < 0.01 | 0.60 | 4.0 | < 10 | 0.01 | < 1.0 | < 0.5 | 1.20 | < 0.01 | 4.0 | 0.01 | 0.05 | < 0.02 | < 0.01 | 0.15 | 0.10 | < 1 | 32 |
| TRY-03 | 205 | 226 | 95 | < 0.01 | 0.60 | 3.0 | 260 | 0.15 | < 1.0 | < 0.5 | 0.08 | 0.03 | 4.0 | < 0.01 | < 0.05 | 0.06 | < 0.01 | 0.20 | 2.50 | < 1 | 70 |

CERTIFICATION: _____

# Appendix VII

## Airborne Geophysics –Statistics, Equipment and Digital Data on CD

## Appendix VII

## Airborne Geophysics –Statistics, Equipment and Digital Data on CD

AIRBORNE GEOPHYSICS – STATISTICS AND EQUIPMENT

| | |
|---|---|
| Survey Dates: | May 19-28 / 2000 |
| Project Name: | Tay-LP |
| Project Location: | Saint Cyr Range, Yukon Territory |
| Survey Type: | Airborne Magnetic & Electromagnetic |
| Flight-Line Direction: | N55E |
| Flight Line Spacing: | 200m |
| Aircraft Height: | 60 m |
| Bird Height: | Magnetic – 30m |
| | Electromagnetic – 30m |
| Navigation: | GPS |
| Distance Flow: | 1133 line-km |
| Average Airspeed: | 78 Km/h |
| Geophysical Operators: | |

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

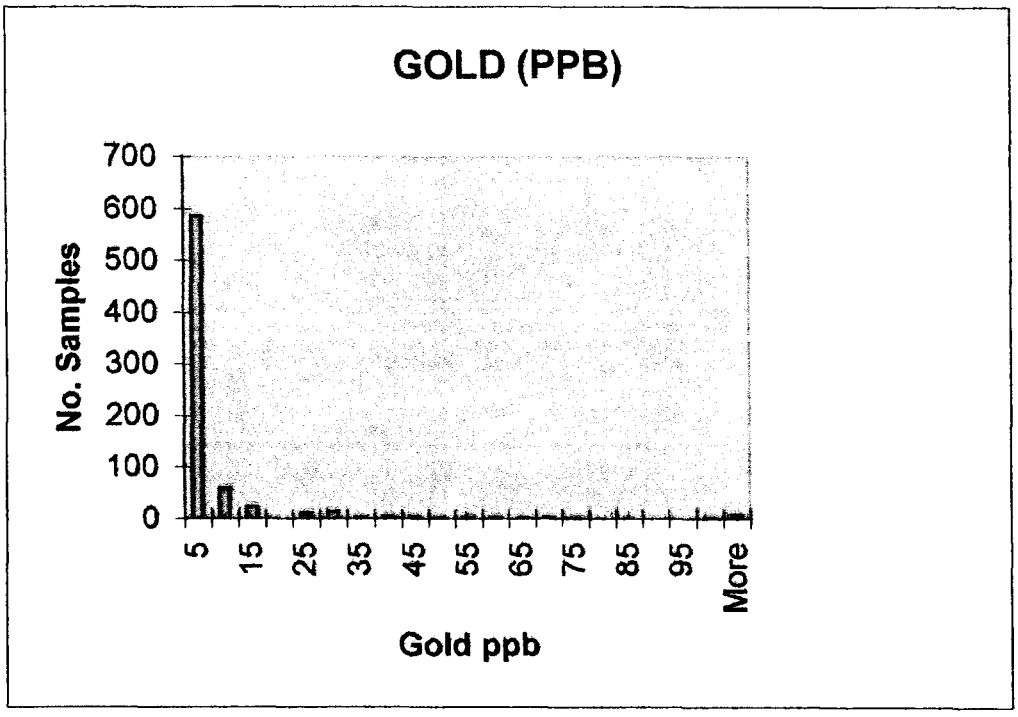
All personnel are employees of Fugro Airborne Surveys, except for the pilot who is an employee of Kluane Helicopters Ltd, and James Wright who is employed by Newmont Mining Corp.

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

# Appendix VIII

## Histograms & Correlation Coefficients – 2000 Soil Data

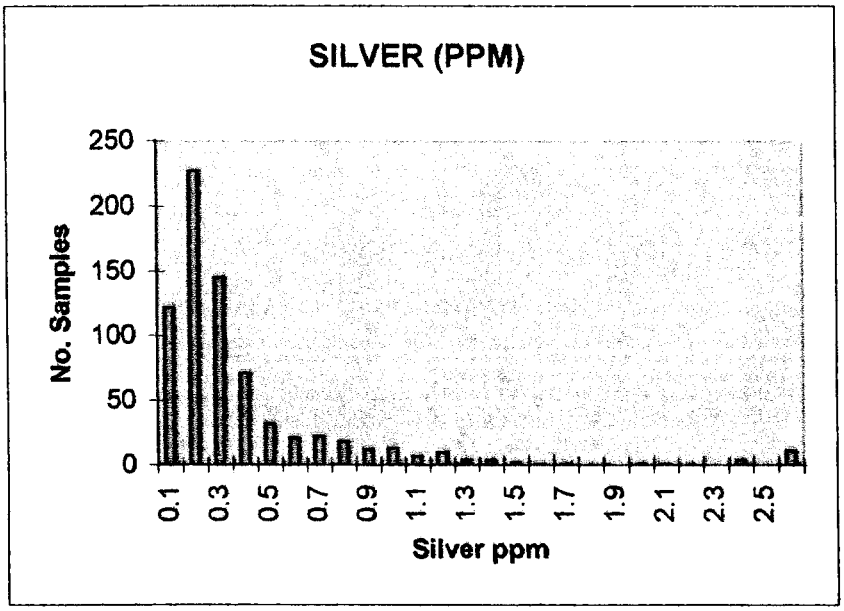
| 0 | Frequency |
|---|---|
| 5 | 586 |
| 10 | 59 |
| 15 | 24 |
| 20 | 0 |
| 25 | 11 |
| 30 | 14 |
| 35 | 3 |
| 40 | 5 |
| 45 | 5 |
| 50 | 1 |
| 55 | 2 |
| 60 | 3 |
| 65 | 1 |
| 70 | 4 |
| 75 | 1 |
| 80 | 0 |
| 85 | 0 |
| 90 | 0 |
| 95 | 0 |
| 100 | 2 |
| More | 8 |




note: samples with values of <5 ppb entered as 2.5 ppb

note: no statistical parameters generated as strong truncation of data set does not allow for meaningful values.

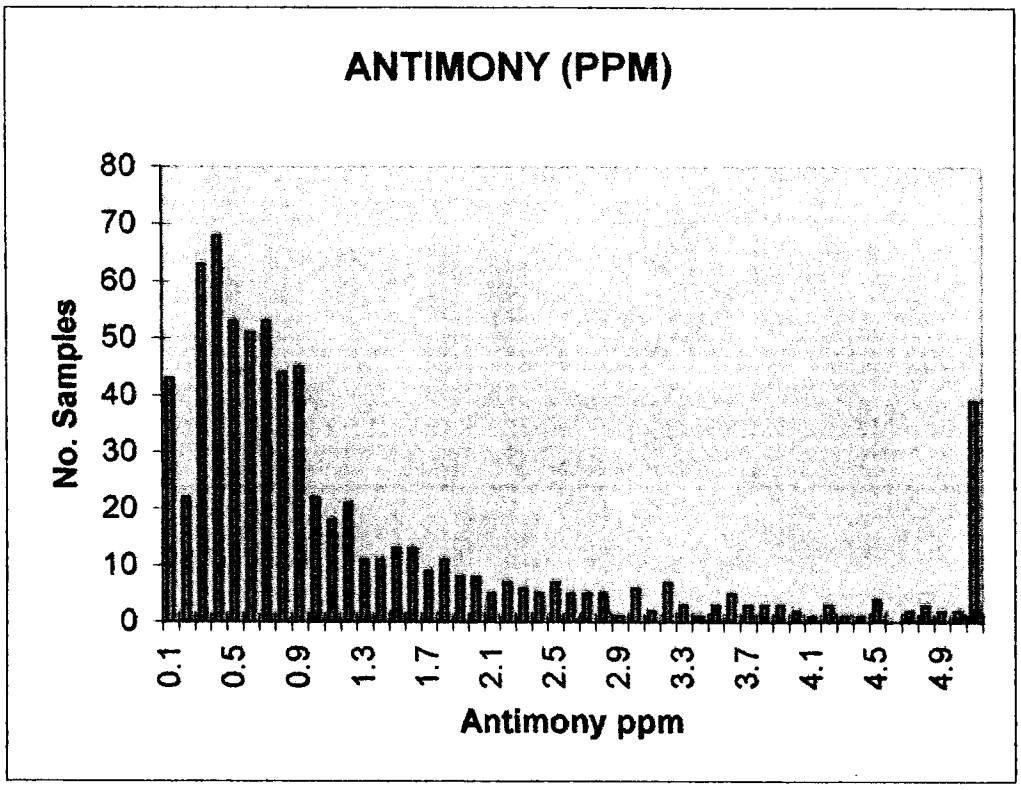
| 0 | Frequency |
|---|---|
| 0.1 | 122 |
| 0.2 | 227 |
| 0.3 | 145 |
| 0.4 | 71 |
| 0.5 | 32 |
| 0.6 | 21 |
| 0.7 | 22 |
| 0.8 | 18 |
| 0.9 | 12 |
| 1 | 13 |
| 1.1 | 7 |
| 1.2 | 10 |
| 1.3 | 4 |
| 1.4 | 4 |
| 1.5 | 2 |
| 1.6 | 1 |
| 1.7 | 1 |
| 1.8 | 0 |
| 1.9 | 0 |
| 2 | 1 |
| 2.1 | 1 |
| 2.2 | 0 |
| 2.3 | 0 |
| 2.4 | 4 |
| 2.5 | 0 |
| More | 11 |




| | |
|---|---|
| mean= | 0.24033 |
| mean+1sd | 0.58313 |
| mean+2sd | 1.4148 |

note: values of <0.02 ppm silver entered as 0.02 ppm.

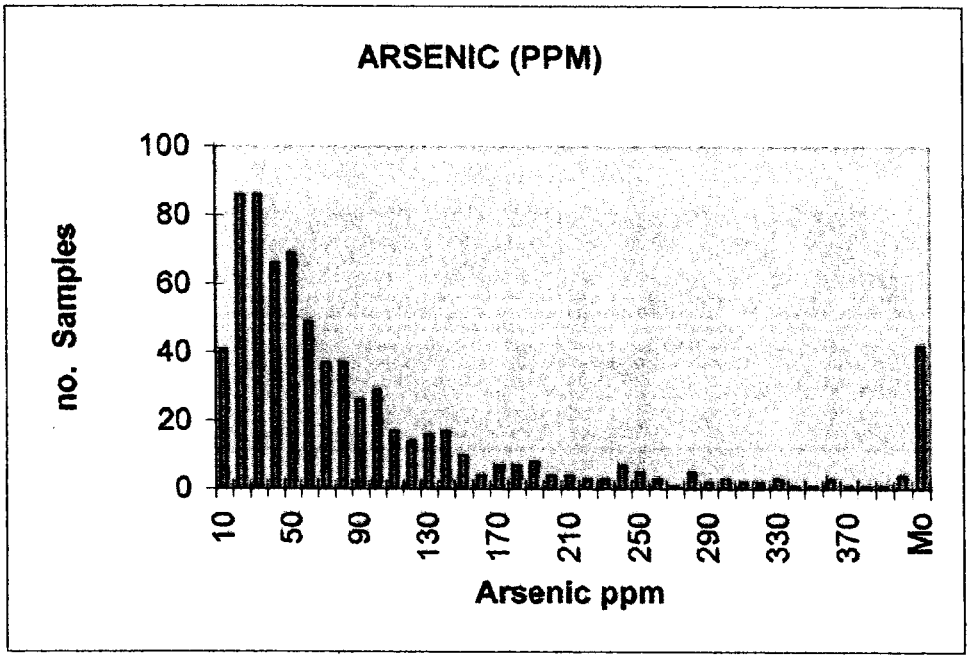
| 0 | Frequency |
|---|---|
| 0.1 | 43 |
| 0.2 | 22 |
| 0.3 | 63 |
| 0.4 | 68 |
| 0.5 | 53 |
| 0.6 | 51 |
| 0.7 | 53 |
| 0.8 | 44 |
| 0.9 | 45 |
| 1 | 22 |
| 1.1 | 18 |
| 1.2 | 21 |
| 1.3 | 11 |
| 1.4 | 11 |
| 1.5 | 13 |
| 1.6 | 13 |
| 1.7 | 9 |
| 1.8 | 11 |
| 1.9 | 8 |
| 2 | 8 |
| 2.1 | 5 |
| 2.2 | 7 |
| 2.3 | 6 |
| 2.4 | 5 |
| 2.5 | 7 |
| 2.6 | 5 |
| 2.7 | 5 |
| 2.8 | 5 |
| 2.9 | 1 |
| 3 | 6 |
| 3.1 | 2 |
| 3.2 | 7 |
| 3.3 | 3 |
| 3.4 | 1 |
| 3.5 | 3 |
| 3.6 | 5 |
| 3.7 | 3 |
| 3.8 | 3 |
| 3.9 | 3 |
| 4 | 2 |
| 4.1 | 1 |
| 4.2 | 3 |
| 4.3 | 1 |
| 4.4 | 1 |
| 4.5 | 4 |
| 4.6 | 0 |
| 4.7 | 2 |
| 4.8 | 3 |
| 4.9 | 2 |
| 5 | 2 |
| More | 39 |




| | |
|---|---|
| mean= | 0.848479 |
| mean+1sd | 2.474885 |
| mean+2sd | 7.218867 |

note: values of <0.1ppm antimony entered as 0.1ppm.

| 0 | Frequency |
|---|---|
| 10 | 41 |
| 20 | 86 |
| 30 | 86 |
| 40 | 66 |
| 50 | 69 |
| 60 | 49 |
| 70 | 37 |
| 80 | 37 |
| 90 | 26 |
| 100 | 29 |
| 110 | 17 |
| 120 | 14 |
| 130 | 16 |
| 140 | 17 |
| 150 | 10 |
| 160 | 4 |
| 170 | 7 |
| 180 | 7 |
| 190 | 8 |
| 200 | 4 |
| 210 | 4 |
| 220 | 3 |
| 230 | 3 |
| 240 | 7 |
| 250 | 5 |
| 260 | 3 |
| 270 | 1 |
| 280 | 5 |
| 290 | 2 |
| 300 | 3 |
| 310 | 2 |
| 320 | 2 |
| 330 | 3 |
| 340 | 1 |
| 350 | 1 |
| 360 | 3 |
| 370 | 1 |
| 380 | 1 |
| 390 | 1 |
| 400 | 4 |
| More | 42 |

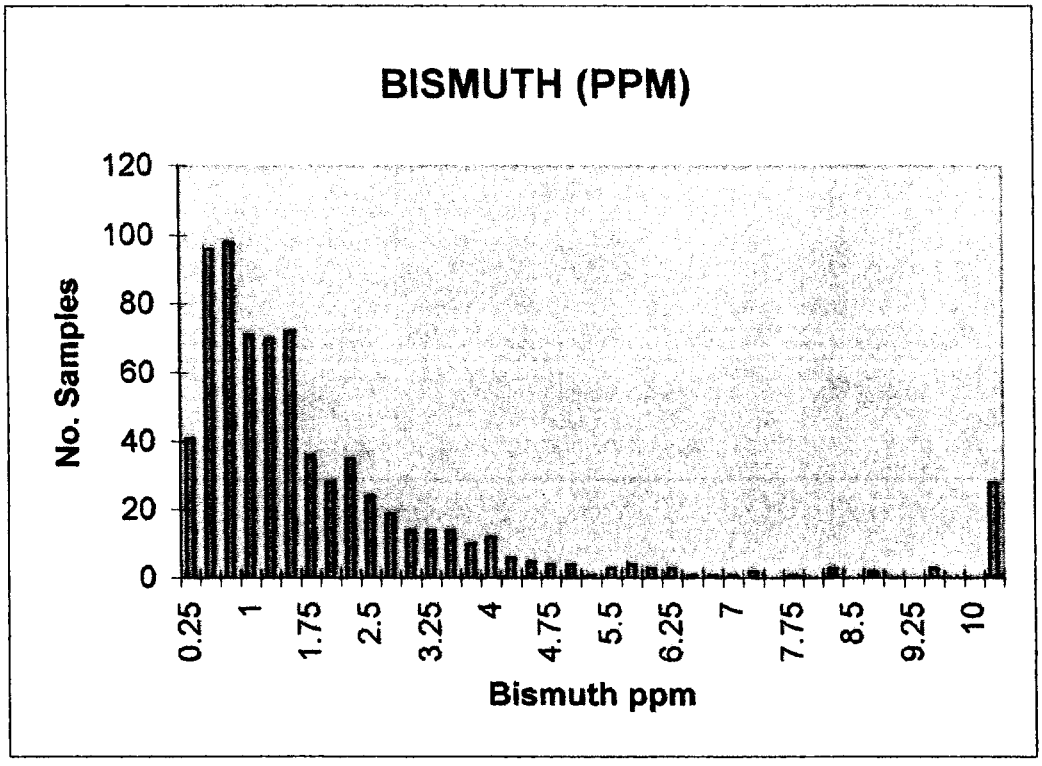



mean= 56.44019

mean+1sd 186.8449
mean+2sd 618.5487
mean+3sd 2047.701

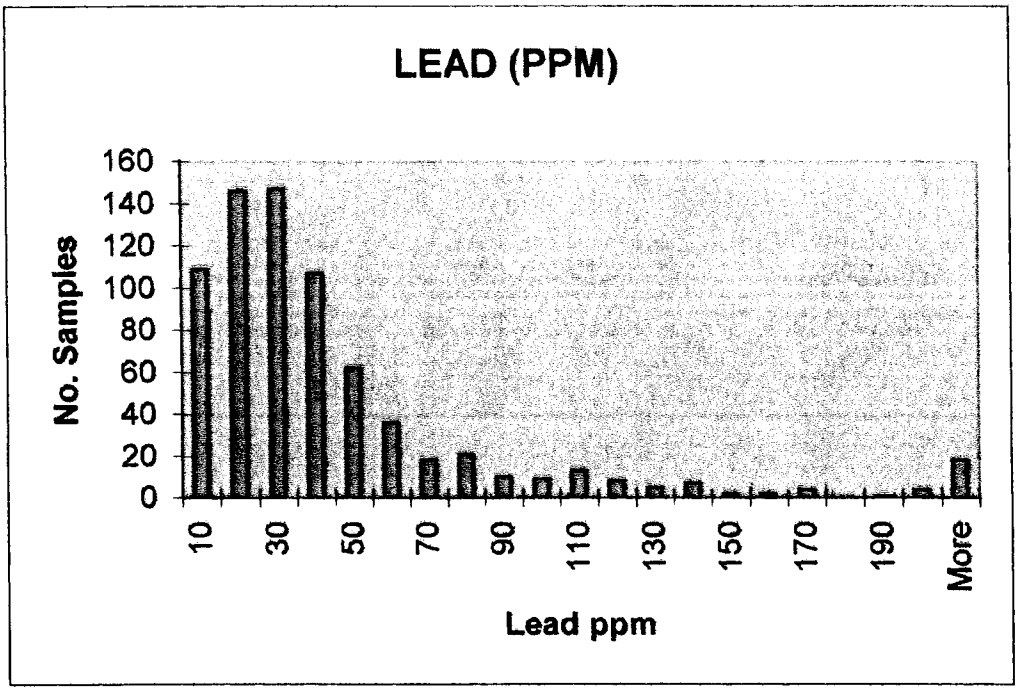
note: two > 10000 ppm aresenic values not included in analysis

| 0 | Frequency |
|---|---|
| 0.25 | 41 |
| 0.5 | 96 |
| 0.75 | 98 |
| 1 | 71 |
| 1.25 | 70 |
| 1.5 | 72 |
| 1.75 | 36 |
| 2 | 28 |
| 2.25 | 35 |
| 2.5 | 24 |
| 2.75 | 19 |
| 3 | 14 |
| 3.25 | 14 |
| 3.5 | 14 |
| 3.75 | 10 |
| 4 | 12 |
| 4.25 | 6 |
| 4.5 | 5 |
| 4.75 | 4 |
| 5 | 4 |
| 5.25 | 1 |
| 5.5 | 3 |
| 5.75 | 4 |
| 6 | 3 |
| 6.25 | 3 |
| 6.5 | 1 |
| 6.75 | 1 |
| 7 | 1 |
| 7.25 | 2 |
| 7.5 | 0 |
| 7.75 | 1 |
| 8 | 0 |
| 8.25 | 3 |
| 8.5 | 0 |
| 8.75 | 2 |
| 9 | 0 |
| 9.25 | 0 |
| 9.5 | 3 |
| 9.75 | 0 |
| 10 | 0 |
| More | 28 |




| | |
|---|---|
| mean= | 1.226487 |
| mean+1sd | 3.452757 |
| mean+2sd | 9.720062 |

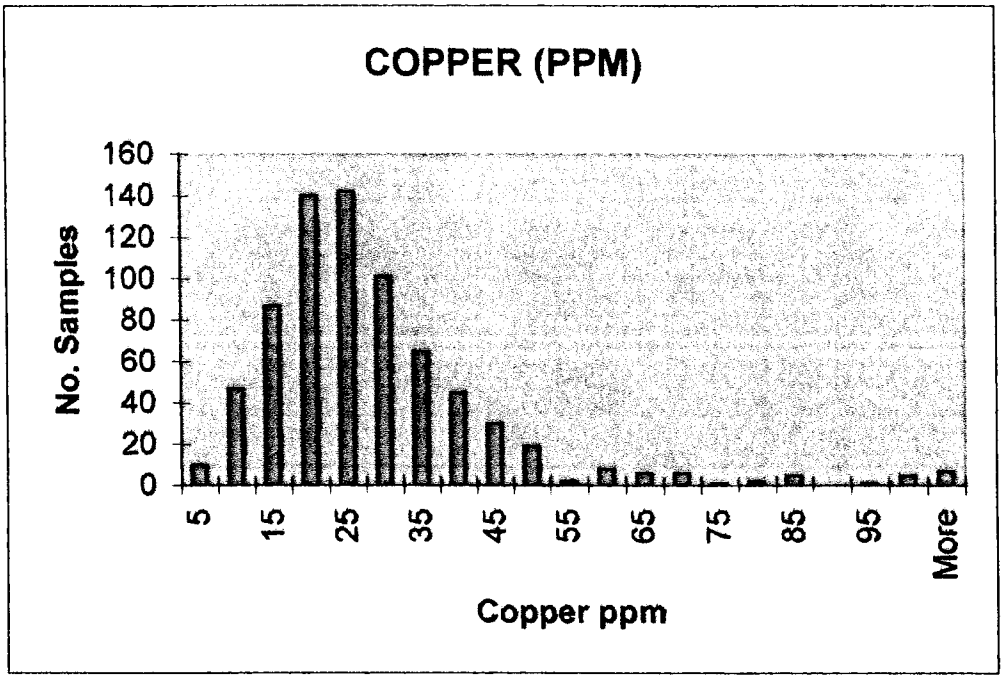
| 0 | Frequency |
|---|---|
| 10 | 109 |
| 20 | 146 |
| 30 | 147 |
| 40 | 107 |
| 50 | 62 |
| 60 | 36 |
| 70 | 18 |
| 80 | 21 |
| 90 | 10 |
| 100 | 9 |
| 110 | 13 |
| 120 | 8 |
| 130 | 5 |
| 140 | 7 |
| 150 | 2 |
| 160 | 2 |
| 170 | 4 |
| 180 | 0 |
| 190 | 1 |
| 200 | 4 |
| More | 18 |




| | |
|---|---|
| mean= | 26.90166 |
| mean+1sd | 74.23561 |
| mean+2sd | 204.8545 |

note: samples values of <2.0 ppm lead entered as 2.0 ppm.

| 0 | Frequency |
|---|---|
| 5 | 10 |
| 10 | 47 |
| 15 | 87 |
| 20 | 140 |
| 25 | 142 |
| 30 | 101 |
| 35 | 65 |
| 40 | 45 |
| 45 | 30 |
| 50 | 19 |
| 55 | 2 |
| 60 | 8 |
| 65 | 6 |
| 70 | 6 |
| 75 | 1 |
| 80 | 2 |
| 85 | 5 |
| 90 | 0 |
| 95 | 1 |
| 100 | 5 |
| More | 7 |




| | |
|---|---|
| mean= | 26.94 |
| mean+1sd | 48.48 |
| mean+2sd | 70.02 |

note: one sample value of <0.2 ppm copper entered as 0.2 ppm.

| SELECTED CORRELATION COEFICIENTS | | | | | | SOIL GEOCHEMISTRY TAY-LP PROJECT 2000 | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Sb | As | Bi | Co | Cu | Fe | Pb | Ni | Ag | W |
| Au | 0.44 | 0.43 | 0.41 | 0.29 | 0.26 | 0.27 | 0.28 | 0.22 | 0.48 | 0.26 |
| Sb | | 0.71 | 0.17 | 0.13 | 0.26 | 0.21 | 0.5 | 0.31 | 0.56 | 0.06 |
| As | | | 0.34 | 0.14 | 0.13 | 0.29 | 0.64 | 0.09 | 0.55 | 0.05 |
| Bi | | | | 0.28 | 0.37 | 0.33 | 0.28 | 0.09 | 0.37 | 0.13 |
| Co | | | | | 0.7 | 0.74 | -0.01 | 0.7 | 0.09 | 0.22 |
| Cu | | | | | | 0.57 | 0.05 | 0.64 | 0.2 | 0.06 |
| Fe | | | | | | | 0.18 | 0.55 | 0.19 | 0.11 |
| Pb | | | | | | | | 0.05 | 0.76 | 0.16 |
| Ni | | | | | | | | | 0.23 | 0.18 |
| Ag | | | | | | | | | | 0.28 |
| W | | | | | | | | | | |

# Appendix IX

# Statements of Qualifications

## GEOLOGIST'S CERTIFICATE

I, Allan Montgomery, of 1252 Langdale Drive, North Vancouver, B.C., Canada, do hereby declare:

1) That I am a consulting geologist with the company A. Montgomery Exploration, with office address of 1252 Langdale Drive, North Vancouver, B.C., Canada.

2) That I am a graduate of the University of British Columbia with a Bachelor of Science Degree in geology (Honours).

3) That my primary employment since 1985 has been in the field of mineral exploration.

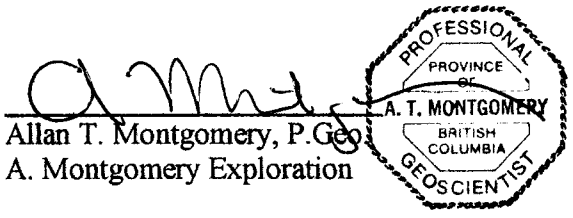
4) That I am a member in good standing in The Association of Professional Engineers and Geoscientists of the Province of British Columbia, registration number 19929.

5) That this report is based on work completed on the property between May 19th and July 19th, 2000, and that this work was supervised by the author.

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

7) That I hereby grant permission to Newmont Exploration of Canada Ltd. for the use of this report in any documentation required by any regulatory authority.

Dated at North Vancouver, B.C., this 31st day of December 2000.




Allan T. Montgomery, P.Geo
A. Montgomery Exploration

**GEOLOGIST'S CERTIFICATE**

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

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

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

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

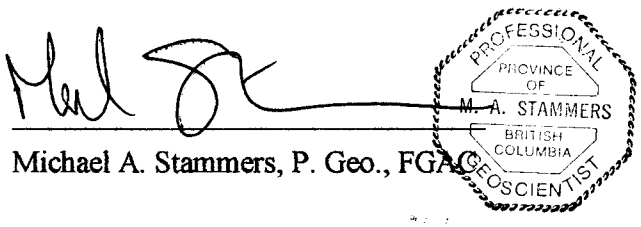
4 THAT I am duly registered as a Professional Geoscientist in the Province of British Columbia (#18883).

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

6 THAT this report is based on property work that I supervised from May 1 to August 20, 2000.

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

DATED at North Vancouver, British Columbia, Canada, this 30 day of December, 2000.




Michael A. Stammers, P. Geo., FGAC

620,000 mE | 621,000 mE | 622,000 mE | 623,000 mE | 624,000 mE | 625,000 mE | 626,000 mE | 627,000 mE

6,834,000 mN | 6,833,000 mN | 6,832,000 mN | 6,831,000 mN | 6,830,000 mN | 6,829,000 mN | 6,828,000 mN | 6,827,000 mN | 6,826,000 mN

MARMOT SHOWING

RAM CLAIM BLOCK

TAY - LP CLAIM BLOCK

TRY CLAIM BLOCK

Seagull Creek

Creek

Tolbert Creek

87-13
2.0g/t Au/11.4m

85-1
1.8g/t Au/8.3m

GOSSAN SHOWING
3.0g/t Au/9.25m

91-24
3.59g/t Au/24.3m

DDH88-17(RAM) 0.5g/t Au/1.3m
DDH88-18(RAM)
DDH88-19(RAM)
DDH88-20(RAM)
DDH88-21(RAM)
0.2g/t Au/2.7m
DDH88-23(RAM) 1.0g/t Au/3.4m
DDH88-22(RAM)
2.2g/t Au/5.3m
DDH88-24(RAM)
2.0g/t Au/4.4m
DDH88-25(RAM)
DDH88-26(RAM)
DDH88-27(RAM)
0.5g/t Au/4.7m
DDH88-30(RAM)
0.5g/t Au/2.2m
DDH88-28(RAM)
DDH88-29(RAM)
old drill hole
RC94-84 A91ppbAu/3220ppmBi/0.3m
RC94-83
RC94-82
RC94-81
RC94-68
RC94-66
RC94-65
RC94-62
RC94-86
RC94-78
RC94-77
RC94-76 (DNR8)
RC94-60
RC94-88
RC94-54
735ppb Au, 628ppm Bi/1.5m
DDH87-2 (1994)
(0.176opt Au/4.5m)
DDH87-22
0.9g/t Au/2.4m
DDH87-15
3.4g/t Au/2.0m
DDH87-12
0.9g/t Au/6.0m
RC91-34
DDH87-11 1.5g/t Au/2.0m
DDH87-10
DDH87-9 4.0g/t Au/2.0m
DDH87-16
1.1g/t Au/6.0m
DDH85-4
DDH85-3 1.8g/t Au/4.0m
DDH87-6
1.2g/t Au/8.0m
DDH87-8
DDH88-20
1.1g/t Au/1.0m
DDH88-17
DDH88-19 3.5g/t Au/7.0m
DDH88-18
7.0g/t Au/1.2m
RC91-27
RC91-25
0.3g/t Au/4.5m
1.7g/t Au/3.0m RC91-26
RC91-23
0.4g/t Au/6.0m
DDH88-21
1.1g/t Au/1.6m
RC91-29
RC91-28
RC91-31
RC91-30
1.9g/t Au/10.6m
RC91-32
0.8g/t Au/1.5m
RC94-51
0.3g/t Au/3.0m
DDH85-5
1.6g/t Au/8.3m
1.6g/t Au/7.9m
1.5g/t Au/2.0m
RC94-76
DDH85-2
1.2g/t Au/8.0m
1.1g/t Au/6.0m

uEOp | uDMs | uMDs | IEs | IEm | Kqm | SDd | SDq | dnrb | Mf | qv

## LEGEND

### SYMBOLS

- Dirt road, cat track
- Camp
- Claim post location
- Past drill hole, DDH – diamond drill hole, RC – reverse circulation (e.g. 88-22)
- Cat trench
- Significant mineral occurrence or drill hole intersection

### Geological

- Outcrop limit
- Geological Contact, defined, approximate, assumed
- Bedding, showing dip where indicated
- Foliation, showing dip where indicated
- Jointing, showing dip where indicated
- Linear elements, including open arrow – small fold axis, solid arrow – slickensides
- Steeply dipping fault, defined, assumed, circle on suspected downthrown side
- Thrust fault, defined, assumed; movement possibly lower Cretaceous
- Vein, showing dip where indicated
- Float
- Auger sample; dnrb – did not reach bedrock

**PRELIMINARY STRATIGRAPHIC COLUMN – TAY-LP PROJECT**

**Cretaceous**

- **(Kqm) Biotite Quartz Monzonite – Granite:** medium grained, equigranular, light orange to light greenish grey colour; fresh to moderately sericite, +/– chlorite +/– quartz (veins) +/– iron oxide altered; quartz veins locally common with strong sericite ? silica envelopes +/– pyrite + arsenopyrite.
- **(skn) Skarn:** age unknown; dark to light green and black, massive magnetite, pyrite, chlorite, amphibole, silica, calcite, wollastinite (?); pyroxene.

**Upper Devonian – Mississippian**

- **(Mf) Metavolcanic tuff:** rusty weathering, light green to grey colour, fine grained, siliceous, pyritic; 1 – 5% fine grained disseminated pyrite, locally quartz crystals, "sericite schist".
- **(My) Syenite:** medium to fine grained, dark orange brown colour, moderately to strongly magnetic, blocky weathering.
- **(uDMs) Slate:** black to dark grey colour, weakly phyllitic, weakly iron oxide stained, minor interbeds of light grey to greenish metasiltstone or ash tuff (?).

**Silurian – Devonian**

- **(SDd) Dolostone:** tan to grey weathering, medium to light grey colour, weak fizz with HCL on scratched surface.
- **(SDq) Quartzite:** rusty and grey weathering, medium grey colour, faintly banded, with local bluish "quartz eyes".

**Upper Cambrian – Ordovician**

- **(uEOp) Phyllite:** dark to medium grey to black or greenish grey colour,non–graphitic or graphitic, non–calcareous or calcareous, quartz lenses, some shale, metasiltstone (?), marble.

**Lower Cambrian**

- **(IEm) Marble:** light grey to black and tan weathering, medium to light grey colour, weakly banded, typically <10 meters to 50 meters thick beds, interbedded with phyllite
- **(IEs) phyllite – quartz – muscovite – chlorite – biotite schist:** greenish grey, grey–brown and grey colour, calcareous or non–calcareous, predominantly phyllitic texture grades to schist.

Magnetic Declination for the map is: 27° 39' East of True North
Annual change 12.4' West

Grid North 1° 59' East of True North for the map

NTS Map 105/F/10, 105/F/7

Grid North

0 M 100 200 300 400 500 600 700
0 Ft 400 800 1200 1600 2000 2400

Scale 1:10,000

MAP AREA:
X: 619000 – 627500
Y: 6825000 – 6835000
Z: 0 – 10000
Units are meters

PROFESSIONAL ENGINEERS PROVINCE OF BRITISH COLUMBIA A. T. MONTGOMERY 24819 GEOSCIENTIST

INDEX MAP
NORTH BLOCK
SOUTH BLOCK

# NEWMONT EXPLORATION OF CANADA LIMITED

ROSS RIVER GOLD LIMITED

TAY-LP PROJECT, YUKON TERRITORY, CANADA, SEAGULL CREEK AREA
WATSON LAKE MINING DISTRICT

PLATE 1a

## NORTH BLOCK

## Factual Geology 094190

| Compiled By: | Contour Interval: | Coordinate System: |
|---|---|---|
| AM, RF | 100 Feet | UTM Zone 8 |
| **Drafted By:** | **Date Generated:** | **File Name:** |
| Geodrafting | December, 2000 | TAY-LP_NORTHas.dwg |

620,000 mE | 621,000 mE | 622,000 mE | 623,000 mE | 624,000 mE | 625,000 mE | 626,000 mE | 627,000 mE

6,834,000 mN | 6,833,000 mN | 6,832,000 mN | 6,831,000 mN | 6,830,000 mN | 6,829,000 mN | 6,828,000 mN | 6,827,000 mN | 6,826,000 mN

MG

PY
AS
PO
CP
MG
MARMOT SHOWING

$FE\text{-}OX_1$

$QV_1$

$QV_1$ + PY,GL

$GR_2$

$QV_2$

DDH88-17(RAM) 0.5g/t Au/1.3m

DDH88-18(RAM)
DDH88-19(RAM)

DDH88-20(RAM)

DDH88-21(RAM)
0.2g/t Au/2.7m

DDH88-23(RAM) 1.0g/t Au/3.4m

DDH88-22(RAM)
2.2g/t Au/5.3m

DDH88-24(RAM)
2.0g/t Au/4.4m

DDH88-25(RAM)
DDH88-26(RAM)

DDH88-27(RAM)
0.5g/t Au/4.7m

DDH88-30(RAM)
0.5g/1 Au/2.2m

DDH88-28(RAM)
DDH88-29(RAM)

RAM CLAIM BLOCK

TAY - LP CLAIM BLOCK

Seagull

TAY - LP CLAIM BLOCK
TRY CLAIM BLOCK

old drill hole

RC94-84 A81ppbAu/3220ppmB/3.3m

RC94-83

RC94-82

dnrb

RC94-81

dnrb dnrb

$GR_1$
PY(<1%)

RC94-68

RC94-66

RC94-65

$FE\text{-}OX_1$

$QZ\text{-}CB_1$

$QZ\text{-}CB_1$

dnrb

$GR_2$

graphitic

QV PY(trc)
$FE\text{-}OX_1$
$SI?_2$

QV PY+CP (5%)
(in float)

Creek

RC94-77

RC94-60

RC94-88

RC94-78

PO/PY/QV/SI/TO

DDH88-22
0.9g/t Au/2.4m

DDH87-15
3.4g/t Au/2.0m

DDH88-17

PO+PY (<1%)

87-13
2.0g/t Au/11.4m

DDH87-14 1.9g/t Au/2.0m

DDH87-13 Au/11.4m

dnrb

DDH87-12
0.8g/t Au/6.0m

RC91-34

DDH87-11 1.5g/t Au/2.0m

DDH87-16
1.1g/t Au/6.0m

DDH87-10
4.0g/t Au/2.0m

DDH85-5

DDH85-3 1.8g/t Au/4.0m

$QV_1$
$SI_2$
PO(1%)
PY(1%)
CP(trc)

$QV_1$
$MS_1$
$FE\text{-}OX_1$
PY (<1%)
AS (<1%)

narrow flat lying QV ± PY ± AS
with assoc. sericite alt'n
intrusive host
PY(minor)
AS(minor)

MS
PY
AS
QV

$QV_1$
$MS_1$
$HE_1$

$QV_1$
$FE\text{-}OX_1$
AS(trc)

$QV_1$
$FE\text{-}OX_1$

$QV_1$

RC94-86

RC94-76

RC94-62

85-1
1.8g/t Au/8.5m

$QV_1$
$SI_2$
QV 5m wide
PO(>1%)
PY(>1%)
CP(trc)

RC94-85
2 (1994)
1760ppt Au/4.5m)

RC94-76 (DWR)

$FE\text{-}OX_1$
PY(trc), PO(<1%)

$SI_{1-2}$
$TO_1$

$FE\text{-}OX_1$
PY(minor)
$SI_{1-2}$

PO(>1%)
PY(>1%)
CP(<1%)
AS(>1%)
$SI_2$
$FE\text{-}OX_{1-3}$
$QV_1$

GOSSAN SHOWING
5.0g/t Au/9.25m

DDH87-5
1.1g/t Au/6.0m

DDH88-8

DDH88-20
1.1g/t Au/1.0m

PO/PY/QV/SI/TO

RC91-27

RC91-25
0.3g/t Au/4.5m

RC91-23
0.4g/t Au/8.0m

DDH88-21
1.1g/t Au/1.8m

RC91-29

RC91-28

DDH88-19 3.5g/t Au/7.0m
7.0g/t Au/7.0m

DDH88-18
7.0g/t Au/12.2m

RC91-31

91-24
3.59g/t Au/24.3m

RC94-51
0.3g/t Au/3.0m

RC91-30?
1.9g/t Au/10.6m

RC91-32?
0.8g/t Au/1.5m

$CL_1$
PY(<1%)

Tolbert

$FE\text{-}OX_1$

$FE\text{-}OX_1$
$QV_1$

$FE\text{-}OX_1$
$QV_1$

$QV_1$
$MS_{1-2}$
$FE\text{-}OX_{1-3}$
$FE\text{-}OX_1$

$FE\text{-}OX_1$

$FE\text{-}OX_1$

$FE\text{-}OX_1$

## LEGEND

### SYMBOLS

- Dirt road, cat track
- Camp
- Claim post location
- 88-22 — Past drill hole, DDH – diamond drill hole, RC – reverse circulation
- Cat trench
- Significant mineral occurrence or drill hole intersection

### Geological

- Outcrop limit
- Geological Contact, defined, approximate, assumed
- 15 — Bedding, showing dip where indicated
- 28 — Foliation, showing dip where indicated
- 80 — Jointing, showing dip where indicated
- 10 45 — Linear elements, including open arrow – small fold axis, solid arrow – slickensides
- Steeply dipping fault, defined, assumed, circle on suspected downthrown side
- Thrust fault, defined, assumed; movement possibly lower Cretaceous
- 15 — Vein, showing dip where indicated
- Float
- Auger sample; dnrb – did not reach bedrock

**PRELIMINARTY STRATIGRAPHIC COLUMN – TAY-LP PROJECT**

**Cretaceous**

- **(Kqm) Biotite Quartz Monzonite – Granite:** medium grained, equigranular, light orange to light greenish grey colour; fresh to moderately sericite, +/– chlorite +/– quartz (veins) +/– iron oxide altered; quartz veins locally common with strong sericite ? silica envelopes +/– pyrite + arsenopyrite.
- **(skn) Skarn:** age unknown; dark to light green and black, massive magnetite, pyrite, chlorite, amphibole, silica, calcite, wollastinite (?): pyroxene.

**Upper Devonian – Mississippian**

- **(Wl) Metavolcanic tuff:** rusty weathering, light green to grey colour, fine grained, siliceous, pyritic; 1 – 5% fine grained disseminated pyrite, locally quartz crystals, "sericite schist".
- **(Wy) Syenite:** medium to fine grained, dark orange brown colour, moderately to strongly magnetic, blocky weathering.
- **(uDMs) Slate:** black to dark grey colour, weakly phyllitic, weakly iron oxide stained, minor interbeds of light grey to greenish metasiltstone or ash tuff (?).

**Silurian – Devonian**

- **(SDd) Dolostone:** tan to grey weathering, medium to light grey colour, weak fizz with HCL on scratched surface.
- **(SDq) Quartzite:** rusty and grey weathering, medium grey colour, faintly banded, with local bluish "quartz eyes".

**Upper Cambrian – Ordovician**

- **(uEOp) Phyllite:** dark to medium grey to black or greenish grey colour,non-graphitic or graphitic, non-calcareous or calcareous, quartz lenses, some shale, metasiltstone (?), marble.

**Lower Cambrian**

- **(Em) Marble:** light grey to black and tan weathering, medium to light grey colour, weakly banded, typically <10 meters to 50 meters thick beds, interbedded with phyllite
- **(Ex) phyllite – quartz – muscovite – chlorite – biotite schist:** greenish grey, grey-brown and grey colour, calcareous or non-calcareous, predominantly phyllitic texture grades to schist.

### Alteration & Mineralization

1–weak, 2–moderate, 3–strong to intense

| | |
|---|---|
| SI | silicification |
| QV | quartz veining |
| CL | chlorite |
| MS | sericite |
| FE–OX | iron oxide |
| KF | potassic |
| ARG | argillic |
| EP | epidote |
| FE–CB | carbonate, iron |
| GR | graphitic |
| MG | magnetite |
| SK/H | skarn/hornfels |
| PY | pyrite |
| PO | pyrrhotite |
| CP | chalcopyrite |
| AS | arsenopyrite |
| GL | galena |
| BI | bismuthinite |
| HE | hematite |
| TO | tourmaline |

### Suggested Alteration/ Mineralization Zones

- SI — silicification
- MG — magnetite
- CL — chlorite
- PY — pyrite

Variable alteration/mineralization as shown on map

Magnetic Declination for the map is: 27° 39' East of True North
Annual change 12.4' West

Grid North 1° 59' East of True North for the map

NTS Map 105/F/10, 105/F/7

Grid North

0 M 100 200 300 400 500 600 700
0 FT 400 800 1200 1600 2000 2400

Scale 1:10,000

MAP AREA:
X: 619000 – 627500
Y: 6825000 – 6835000
Z: 0 – 10000
Units are meters

INDEX MAP
NORTH BLOCK
SOUTH BLOCK

# NEWMONT EXPLORATION OF CANADA LIMITED

ROSS RIVER GOLD LIMITED

TAY-LP PROJECT, YUKON TERRITORY, CANADA, SEAGULL CREEK AREA
WATSON LAKE MINING DISTRICT

PLATE 1b

## NORTH BLOCK 094190

## Alteration & Mineralization

| | | |
|---|---|---|
| Compiled By: AM, RF | Contour Interval: 100 Feet | Coordinate System: UTM Zone 8 |
| Drafted By: Geodrafting | Date Generated: December, 2000 | File Name: TAY–LP_NORTHas.dwg |

620,000 mE | 621,000 mE | 622,000 mE | 623,000 mE | 624,000 mE | 625,000 mE | 626,000 mE | 627,000 mE

6,834,000 mN | 6,833,000 mN | 6,832,000 mN | 6,831,000 mN | 6,830,000 mN | 6,829,000 mN | 6,828,000 mN | 6,827,000 mN | 6,826,000 mN

MARMOT SHOWING

RAM CLAIM BLOCK
TAY - LP CLAIM BLOCK

TAY - LP CLAIM BLOCK
TRY CLAIM BLOCK

SEAGULL FAULT

Seagull Creek

Creek

Tolbert

Kqm

uEOp | SDd | uDMs | IEs | IEm | Mt

DDH88-17(RAM) 0.5g/t Au/1.5m
DDH88-18(RAM)
DDH88-19(RAM)
DDH88-20(RAM)
DDH88-21(RAM) 0.2g/t Au/2.7m
DDH88-23(RAM) 1.0g/t Au/3.4m
DDH88-22(RAM) 2.2g/t Au/5.3m
DDH88-24(RAM) 2.0g/t Au/4.4m
DDH88-25(RAM)
DDH88-26(RAM)
DDH88-27(RAM) 0.5g/t Au/4.7m
DDH88-30(RAM) 0.5g/t Au/12.2m
DDH88-28(RAM)
DDH88-29(RAM)
old drill hole
RC94-84 491ppbAu/3220ppmBi/0.3m
RC94-83
RC94-82
RC94-81
RC94-68
RC94-66
RC94-65
RC94-60
RC94-85
RC94-86
RC94-76
RC94-62
RC94-78
RC91-27
RC91-25 0.3g/t Au/4.5m
RC91-23 0.4g/t Au/6.0m
RC91-29
RC91-28
RC91-31
RC94-51 0.3g/t Au/3.0m
RC91-30 1.9g/t Au/10.6m
RC91-32 0.8g/t Au/1.5m
DDH88-22 0.3g/t Au/2.4m
DDH88-16 3.4g/t Au/2.0m
DDH88-15 1.1g/t Au/2.0m
DDH88-14 2.0g/t Au/11.4m
DDH87-12 1.1g/t Au/6.0m
DDH87-14 1.5g/t Au/2.0m
DDH87-10 4.0g/t Au/2.0m
DDH87-9
DDH87-16 1.1g/t Au/6.0m
DDH85-1
DDH85-3 1.8g/t Au/4.0m
RC94-85 0.2g/t Au/5.48m
DDH85-1 1.8g/t Au/8.2m
DDH85 1.6g/t Au/7.9m
TRENCH 2 (1994) (0.176opt Au/4.5m)
94-64 730ppb Au 628ppm Bi/1.5m
DDH87-17
DDH87-6 2.2g/t Au/8.0m
DDH87-7 1.1g/t Au/6.0m
DDH85-5
DDH87-8
DDH88-20 1.1g/t Au/1.0m
DDH88-21 1.1g/t Au/1.0m
DDH88-19 3.5g/t Au/7.0m +2.5g/t Au/7.0m
DDH88-18 7.0g/t Au/1.2m
RC91-24 3.59g/t Au/24.3m

## LEGEND

### SYMBOLS

- Dirt road, cat track
- Camp
- Claim post location
- 88-22 Past drill hole, DDH – diamond drill hole, RC – reverse circulation
- Cat trench
- Significant mineral occurrence or drill hole intersection

### Geological

- Outcrop limit
- Geological Contact, defined, approximate, assumed
- 15 Bedding, showing dip where indicated
- 28 Foliation, showing dip where indicated
- Jointing, showing dip where indicated
- 10 45 Linear elements, including open arrow – small fold axis, solid arrow – slickensides
- Steeply dipping fault, defined, assumed, circle on suspected downthrown side
- Thrust fault, defined, assumed; movement possibly lower Cretaceous
- 15 Vein, showing dip where indicated
- Float
- Auger sample

**PRELIMINARTY STRATIGRAPHIC COLUMN – TAY-LP PROJECT**

**Cretaceous**

- **(Kqm) Biolite Quartz Monzonite – Granite:** medium grained, equigranular, light orange to light greenish grey colour; fresh to moderately sericite, +/– chlorite +/– quartz (veins) +/– iron oxide altered; quartz veins locally common with strong sericite ? silica envelopes +/– pyrite + arsenopyrite.
- **(skn) Skarn:** age unknown; dark to light green and black, massive magnetite, pyrite, chlorite, amphibole, silica, calcite, wollastinite (?); pyroxene.

**Upper Devonian – Mississippian**

- **(Mt) Metavolcanic tuff:** rusty weathering, light green to grey colour, fine grained, siliceous, pyritic; 1 – 5% fine grained disseminated pyrite, locally quartz crystals, "sericite schist".
- **(Wy) Syenite:** medium to fine grained, dark orange brown colour, moderately to strongly magnetic, blocky weathering.
- **(uDMs) Slate:** black to dark grey colour, weakly phyllitic, weakly iron oxide stained, minor interbeds of light grey to greenish metasiltstone or ash tuff (?).

**Silurian – Devonian**

- **(SDd) Dolostone:** tan to grey weathering, medium to light grey colour, weak fizz with HCL on scratched surface.
- **(SDq) Quartzite:** rusty and grey weathering, medium grey colour, faintly banded, with local bluish "quartz eyes".

**Upper Cambrian – Ordovician**

- **(uEOp) Phyllite:** dark to medium grey to black or greenish grey colour,non-graphitic or graphitic, non-calcareous or calcareous, quartz lenses, some shale, metasiltstone (?), marble.

**Lower Cambrian**

- **(IEm) Marble:** light grey to black and tan weathering, medium to light grey colour, weakly banded, typically <10 meters to 50 meters thick beds, interbedded with phyllite
- **(IEs) phyllite – quartz – muscovite – chlorite – biolite schist:** greenish grey, grey-brown and grey colour, calcareous or non-calcareous, predominantly phyllitic texture grades to schist.

Magnetic Declination for the map is: 27° 39' East of True North
Annual change 12.4' West

Grid North 1° 59' East of True North for the map

NTS Map 105/F/10, 105/F/7

Grid North

MAP AREA:
X: 619000 – 627500
Y: 6825000 – 6835000
Z: 0 – 10000
Units are meters

0 M 100 200 300 400 500 600 700
0 Ft 400 800 1200 1600 2000 2400

Scale 1:10,000

A. T. MONTGOMERY — PROFESSIONAL ENGINEER — PROVINCE OF BRITISH COLUMBIA — GEOSCIENTIST

INDEX MAP
NORTH BLOCK
SOUTH BLOCK

# NEWMONT EXPLORATION OF CANADA LIMITED

ROSS RIVER GOLD LIMITED

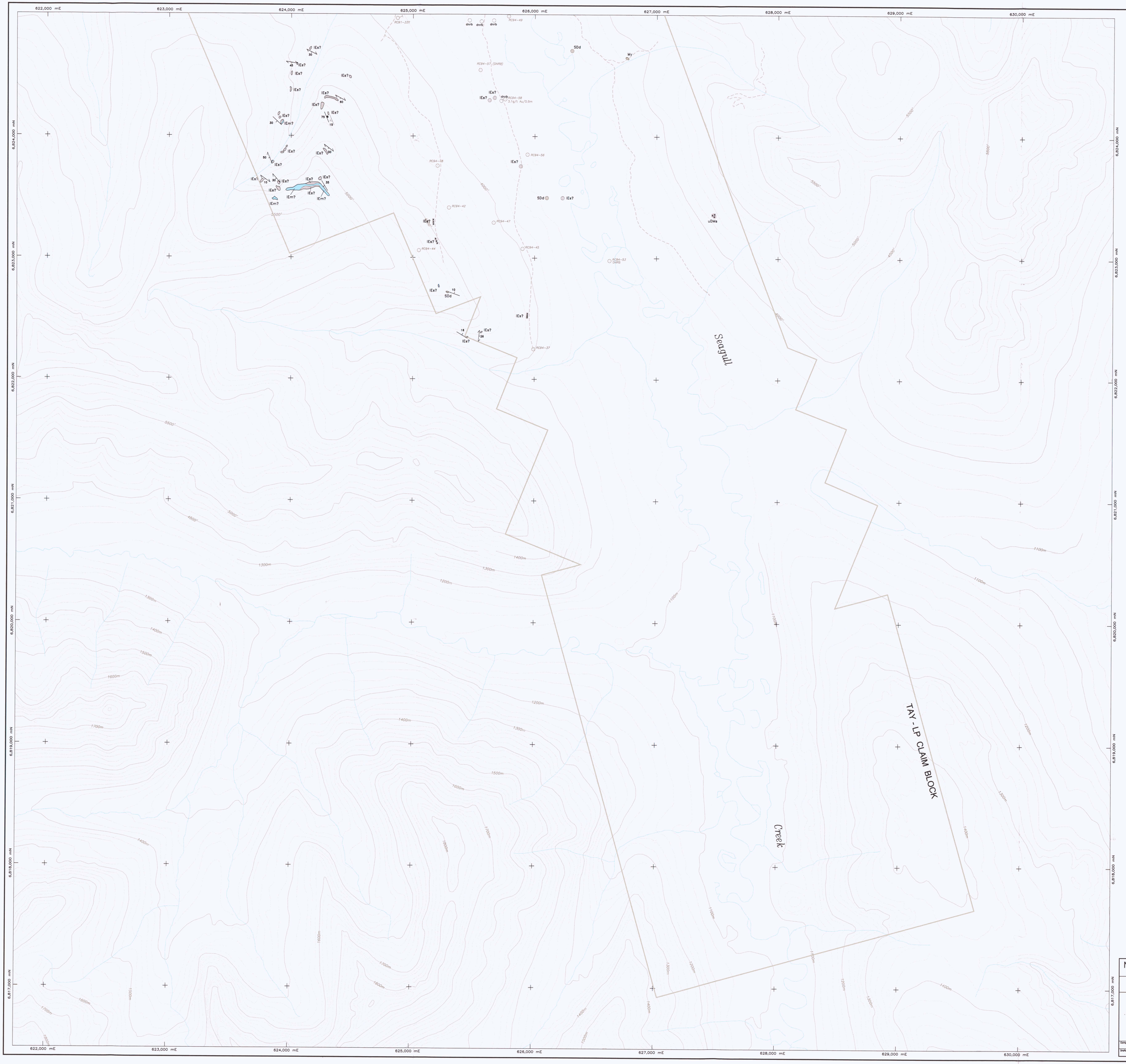
TAY-LP PROJECT, YUKON TERRITORY, CANADA, SEAGULL CREEK AREA
WATSON LAKE MINING DISTRICT

PLATE 1c

## NORTH BLOCK 094190

## Interpretation

| | | |
|---|---|---|
| Compiled By: AM, RF | Contour Interval: 100 Feet | Coordinate System: UTM Zone 8 |
| Drafted By: Geodrafting | Date Generated: December, 2000 | File Name: TAY-LP_NORTHas.dwg |




## LEGEND

### SYMBOLS

- Dirt road, cat track
- Camp
- Claim post location
- 88-32 Post drill hole, DDH – diamond drill hole, RC – reverse circulation
- Cat trench
- Significant mineral occurrence or drill hole intersection

### Geological

- Outcrop limit
- Geological Contact, defined, approximate, assumed
- 15 Bedding, showing dip where indicated
- 28 Foliation, showing dip where indicated
- 80 Jointing, showing dip where indicated
- 10 / 45 Linear elements, including open arrow – small fold axis, solid arrow – slickensides
- Steeply dipping fault, defined, assumed, circle on suspected downthrown side
- Thrust fault, defined, assumed; movement possibly lower Cretaceous
- 15 Vein, showing dip where indicated
- Float
- Auger sample; dnrb – did not reach bedrock

**PRELIMINARTY STRATIGRAPHIC COLUMN – TAY-LP PROJECT**

**Cretaceous**

- (Kqm) **Biotite Quartz Monzonite – Granite:** medium grained, equigranular, light orange to light greenish grey colour; fresh to moderately sericite, +/- chlorite +/- quartz (veins) +/- iron oxide altered; quartz veins locally common with strong sericite ? silica envelopes +/- pyrite + arsenopyrite.
- (skn) **Skarn:** age unknown; dark to light green and black, massive magnetite, pyrite, chlorite, amphibole, silica, calcite, wollastinite (?); pyroxene.

**Upper Devonian – Mississippian**

- (Mf) **Metavolcanic tuff:** rusty weathering, light green to grey colour, fine grained, siliceous, pyritic; 1 – 5% fine grained disseminated pyrite, locally quartz crystals, "sericite schist".
- (Mg) **Syenite:** medium to fine grained, dark orange brown colour, moderately to strongly magnetic, blocky weathering.
- (uDMs) **Slate:** black to dark grey colour, weakly phyllitic, weakly iron oxide stained, minor interbeds of light grey to greenish metasiltstone or ash tuff (?).

**Silurian – Devonian**

- (SDd) **Dolostone:** tan to grey weathering, medium to light grey colour, weak fizz with HCL on scratched surface.
- (SDq) **Quartzite:** rusty and grey weathering, medium grey colour, faintly banded, with local bluish "quartz eyes".

**Upper Cambrian – Ordovician**

- (uEDp) **Phyllite:** dark to medium grey to black or greenish grey colour,non-graphitic or graphitic, non-calcareous or calcareous, quartz lenses, some shale, metasiltstone (?), marble.

**Lower Cambrian**

- (Em) **Marble:** light grey to black and tan weathering, medium to light grey colour, weakly banded, typically <10 meters to 50 meters thick beds, interbedded with phyllite
- (Ea) **phyllite – quartz – muscovite – chlorite – biotite schist:** greenish grey, grey-brown and grey colour, calcareous or non-calcareous, predominantly phyllitic texture grades to schist.

MAP AREA:
X: 621750 – 630750
Y: 6818500 – 6825000
Z: 0 – 10000
Units are meters

INDEX MAP
NORTH BLOCK
SOUTH BLOCK

N

Grid North

Magnetic Declination for the map is: 27° 39' East of True North
Annual change 12.4' West

Grid North 1° 59' East of True North for the map

NTS Map 105/F/10, 105/F/7

0 M 100 200 300 400 500 600 700
0 Ft 400 800 1200 1600 2000 2400

Scale 1:10,000

PROFESSIONAL ENGINEER A.T. MACKAY BRITISH COLUMBIA

# NEWMONT EXPLORATION OF CANADA LIMITED

ROSS RIVER GOLD LIMITED

TAY-LP PROJECT, YUKON TERRITORY, CANADA, SEAGULL CREEK AREA
WATSON LAKE MINING DISTRICT

PLATE 2a

094190

## SOUTH BLOCK

## Factual Geology

| | | | |
|---|---|---|---|
| Compiled By: AM, RF | Contour Interval: 100 Feet/20 Metres | Coordinate System: UTM Zone 8 | |
| Drafted By: Geodrafting | Date Generated: December, 2000 | File Name: TAY-LP_SOUTHas.dwg | |

622,000 mE | 623,000 mE | 624,000 mE | 625,000 mE | 626,000 mE | 627,000 mE | 628,000 mE | 629,000 mE | 630,000 mE

6,824,000 mN | 6,823,000 mN | 6,822,000 mN | 6,821,000 mN | 6,820,000 mN | 6,819,000 mN | 6,818,000 mN | 6,817,000 mN

RC91-139 | RC94-49 | RC94-57 (DHRB) | RC94-58 3.1g/t Au/0.9m | RC94-56 | RC94-55 | RC94-42 | RC94-47 | RC94-45 | RC94-44 | RC94-53 DHRB | RC94-37

PY(1%)

PY

PY(tr<) Cl-1 FE-OX1

PY(tr<) Cl-1 FE-OX1

GR2 PY(1%) PY(1-3%)

FE-OX1 Si3 PO(tr<) GR2 QZ stockwork

QV1

Seagull

Creek

TAY - LP CLAIM BLOCK

5500' | 5000' | 4500' | 4000'

1100m | 1200m | 1300m | 1400m | 1500m | 1600m | 1700m

## LEGEND

### SYMBOLS

- Dirt road, cat track
- Camp
- Claim post location
- 88-22 Post drill hole, DDH – diamond drill hole, RC – reverse circulation
- Cat trench
- Significant mineral occurrence or drill hole intersection

### Geological

- Outcrop limit
- Geological Contact, defined, approximate, assumed
- 15 Bedding, showing dip where indicated
- 28 Foliation, showing dip where indicated
- 28 Jointing, showing dip where indicated
- 20 45 Linear elements, including open arrow – small fold axis, solid arrow – slickenslides
- Steeply dipping fault, defined, assumed, circle on suspected downthrown side
- Thrust fault, defined, assumed; movement possibly lower Cretaceous
- 15 Vein, showing dip where indicated
- Float
- Auger sample; dnrb – did not reach bedrock

**PRELIMINARY STRATIGRAPHIC COLUMN – TAY-LP PROJECT**

**Cretaceous**

- (Kqm) **Biotite Quartz Monzonite – Granite:** medium grained, equigranular, light orange to light greenish grey colour; fresh to moderately sericite, +/- chlorite +/- quartz (veins) +/- iron oxide altered; quartz veins locally common with strong sericite ? silica envelopes +/- pyrite + arsenopyrite.
- (skn) **Skarn:** age unknown; dark to light green and black, massive magnetite, pyrite, chlorite, amphibole, silica, calcite, wollastinite (?); pyroxene.

**Upper Devonian – Mississippian**

- (Wl) **Metavolcanic tuff:** rusty weathering, light green to grey colour, fine grained, siliceous, pyritic; 1 – 5% fine grained disseminated pyrite, locally quartz crystals, "sericite schist".
- (Wy) **Syenite:** medium to fine grained, dark orange brown colour, moderately to strongly magnetic, blocky weathering.
- (uDMs) **Slate:** black to dark grey colour, weakly phyllitic, weakly iron oxide stained, minor interbeds of light grey to greenish metasiltstone or ash tuff (?).

**Silurian – Devonian**

- (SDd) **Dolostone:** tan to grey weathering, medium to light grey colour, weak fizz with HCL on scratched surface.
- (SDq) **Quartzite:** rusty and grey weathering, medium grey colour, faintly banded, with local bluish "quartz eyes".

**Upper Cambrian – Ordovician**

- (uCOp) **Phyllite:** dark to medium grey to black or greenish grey colour,non-graphitic or graphitic, non-calcareous or calcareous, quartz lenses, some shale, metasiltstone (?), marble.

**Lower Cambrian**

- (lEm) **Marble:** light grey to black and tan weathering, medium to light grey colour, weakly banded, typically <10 meters to 50 meters thick beds, interbedded with phyllite
- (lEx) **phyllite – quartz – muscovite – chlorite – biotite schist:** greenish grey, grey-brown and grey colour, calcareous or non-calcareous, predominantly phyllitic texture grades to schist.

### Alteration & Mineralization

1-weak, 2-moderate, 3-strong to intense

| | |
|---|---|
| SI | silicification |
| QV | quartz veining |
| CL | chlorite |
| MS | sericite |
| FE-OX | iron oxide |
| KF | potassic |
| ARG | argillic |
| EP | epidote |
| FE-CB | carbonate, iron |
| GR | graphitic |
| MG | magnetite |
| SK/H | skarn/hornfels |
| PY | pyrite |
| PO | pyrrhotite |
| CP | chalcopyrite |
| AS | arsenopyrite |
| GL | galena |
| BI | bismuthinite |
| HE | hematite |
| TO | tourmaline |

### Suggested Alteration/ Mineralization Zones

- SI silicification
- MG magnetite
- CL chlorite
- PY pyrite
- Variable alteration/mineralization as shown on map

MAP AREA:
X: 621750 – 630750
Y: 6818500 – 6825000
Z: 0 – 10000
Units are meters

INDEX MAP
NORTH BLOCK
SOUTH BLOCK

N

Grid North

Magnetic Declination for the map is: 27° 39' East of True North
Annual change 12.4' West

Grid North 1° 59' East of True North for the map

NTS Map 105/F/10, 105/F/7

0 M 100 200 300 400 500 600 700
0 Ft 400 800 1200 1800 2000 2400
Scale 1:10,000

PROFESSIONAL ENGINEERS PROVINCE OF BRITISH COLUMBIA A. T. MONTGOMERY GEOSCIENTIST

# NEWMONT EXPLORATION OF CANADA LIMITED

ROSS RIVER GOLD LIMITED

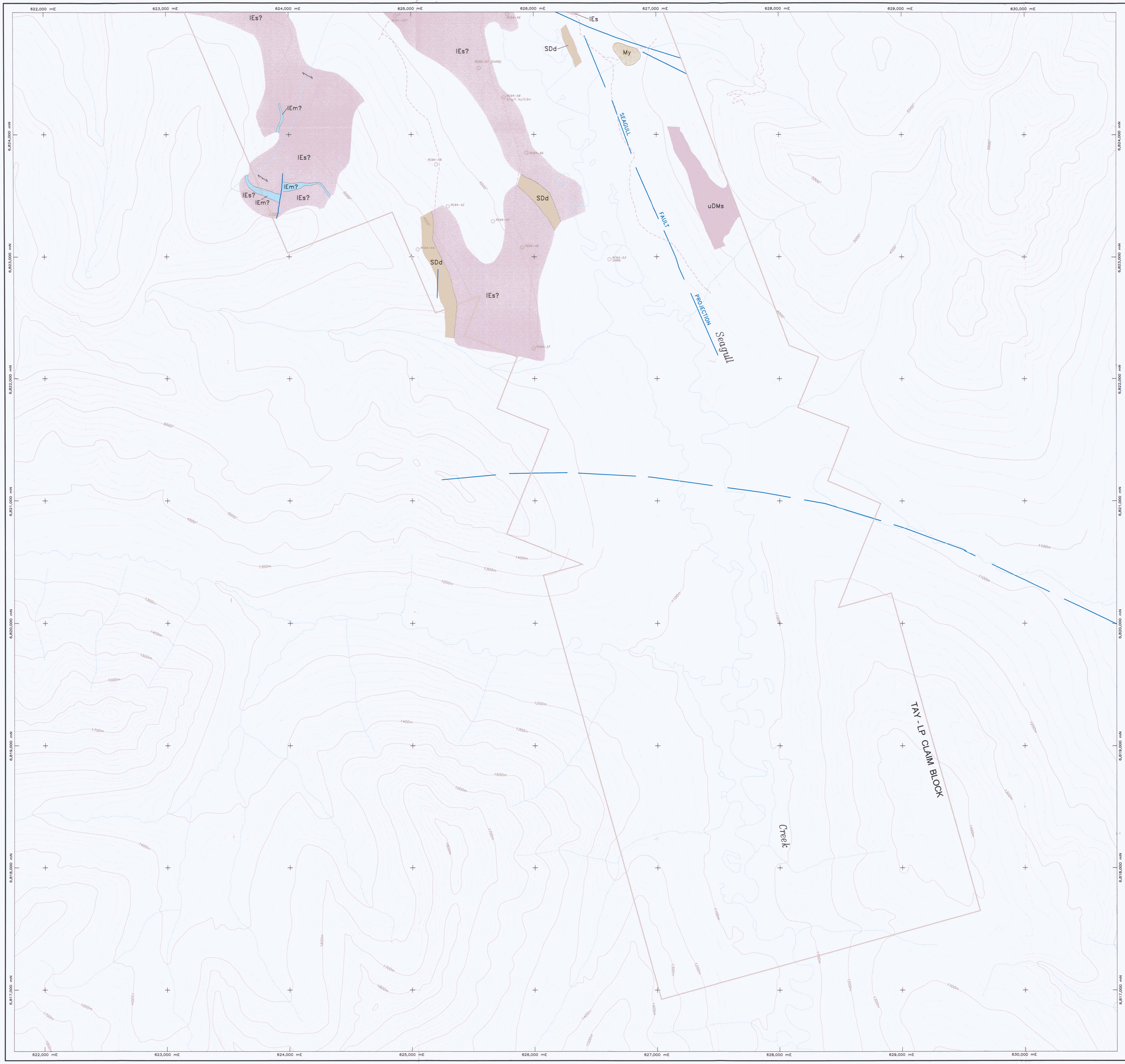
TAY-LP PROJECT, YUKON TERRITORY, CANADA, SEAGULL CREEK AREA
WATSON LAKE MINING DISTRICT

PLATE 2b

SOUTH BLOCK 094100

## Alteration & Mineralization

| | | | |
|---|---|---|---|
| Compiled By: AM, RF | Contour Interval: 100 Feet/20 Metres | Coordinate System: UTM Zone 8 |
| Drafted By: Geodrafting | Date Generated: December, 2000 | File Name: TAY-LP_SOUTHas.dwg |




## LEGEND

### SYMBOLS

- Dirt road, cat track
- Camp
- Claim post location
- 88-22 Post drill hole, DDH – diamond drill hole, RC – reverse circulation
- Cat trench
- Significant mineral occurrence or drill hole intersection

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- Outcrop limit
- Geological Contact, defined, approximate, assumed
- Bedding, showing dip where indicated
- Foliation, showing dip where indicated
- Jointing, showing dip where indicated
- Linear elements, including open arrow – small fold axis, solid arrow – slickensides
- Steeply dipping fault, defined, assumed, circle on suspected downthrown side
- Thrust fault, defined, assumed; movement possibly lower Cretaceous
- Vein, showing dip where indicated
- Float
- Auger sample

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- (Kqm) **Biotite Quartz Monzonite – Granite:** medium grained, equigranular, light orange to light greenish grey colour; fresh to moderately sericite, +/– chlorite +/– quartz (veins) +/– iron oxide altered; quartz veins locally common with strong sericite ? silica envelopes +/– pyrite + arsenopyrite.
- (skn) **Skarn:** age unknown; dark to light green and black, massive magnetite, pyrite, chlorite, amphibole, silica, calcite, wollastinite (?); pyroxene.

**Upper Devonian – Mississippian**

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- (lEs) **phyllite – quartz – muscovite – chlorite – biotite schist:** greenish grey, grey–brown and grey colour, calcareous or non–calcareous, predominantly phyllitic texture grades to schist.

MAP AREA:
X: 621750 – 630750
Y: 6818500 – 6825000
Z: 0 – 10000
Units are meters

INDEX MAP
NORTH BLOCK
SOUTH BLOCK

Grid North

Magnetic Declination for the map is: 27° 39' East of True North
Annual change 12.4' West

Grid North 1° 59' East of True North for the map

NTS Map 105/F/10, 105/F/7

0 M 100 200 300 400 600 800 1000
0 Ft 400 800 1200 1600 2000 2400

Scale 1:10,000

# NEWMONT EXPLORATION OF CANADA LIMITED

ROSS RIVER GOLD LIMITED

TAY-LP PROJECT, YUKON TERRITORY, CANADA, SEAGULL CREEK AREA
WATSON LAKE MINING DISTRICT

PLATE 2c

## SOUTH BLOCK

## Interpretation

094190

| Compiled By: | Contour Interval: | Coordinate System: |
|---|---|---|
| AM, RF | 100 Feet/20 Metres | UTM Zone 8 |
| **Drafted By:** | **Date Generated:** | **File Name:** |
| Geodrafting | December, 2000 | TAY-LP_SOUTHcs.dwg |

105F 7260
094190

# 2000 GEOLOGICAL, GEOCHEMICAL AND GEOPHYSICAL ASSESSMENT REPORT ON THE TAY- LP PROJECT

## VOLUME II 094190

Comprising the:
Tay 1-21; LP 1-4, 7-25, 33, 35-93, 109-115, 130-139, 153, 155, 157, 159, 165-175;
Jef 9, 11-14, 27, 51; Cam 1-40; Gai 1-65 and Try 1-60

Located in the Seagull Creek Area,
Watson Lake Mining District
Yukon Territory, Canada

NTS 105F-10, 105F-7
61°33' N Latitude
132° 40' W Longitude

Prepared for
Newmont Exploration of Canada Limited

Prepared by
Allan T. Montgomery, P. Geo.
M.A. Stammers, P. Geo.

| | |
|---|---|
| Owner of Claims: | Ross River Gold Ltd.<br>Newmont Exploration of Canada Ltd. (Try 1 – 60 claims) |
| Dates of Work: | May 19th to August 15th, 2000 |
| Date of Report: | December 2000 |

620,000 mE 621,000 mE 622,000 mE 623,000 mE 624,000 mE 625,000 mE 626,000 mE 627,000 mE

6,834,000 mN 6,833,000 mN 6,832,000 mN 6,831,000 mN 6,830,000 mN 6,829,000 mN 6,828,000 mN 6,827,000 mN 6,826,000 mN

L 33500N L 31700N L 30700N L 30300N L 29900N L 29000N L 28600N L 28200N L 27800N L 27600N L 27400N L 27200N L 27000N L 26600N L 26400N L 26200N L 26000N L 25800N L 25400N

RAM CLAIM BLOCK
TAY - LP CLAIM BLOCK
TAY - LP CLAIM BLOCK
TRY CLAIM BLOCK

Seagull Creek Tolbert Creek

TOLBERT CREEK SOIL ANOMALY

CAMP SOIL ANOMALY

TRENCH 2 (1994) (0.1760pt Au/4.5m)

DDH87-1 1.5g/t Au/2.0m
DDH87-2 1.8g/t Au/8.3m
DDH87-3 1.8g/t Au/7.9m
DDH87-4 1.1g/t Au/6.0m
DDH87-5 1.2g/t Au/8.0m
DDH87-6 4.0g/t Au/2.0m
DDH87-7 0.9g/t Au/2.4m
DDH87-8
DDH87-9 1.1g/t Au/6.0m
DDH87-10
DDH87-11 1.5g/t Au/2.0m
DDH87-12 0.9g/t Au/6.0m
DDH87-13 2.0g/t Au/11.4m
DDH87-14 4.1g/t Au/2.0m
DDH87-15 3.4g/t Au/2.0m
DDH88-16 0.5g/t Au/1.3m
DDH88-17(RAM) 0.5g/t Au/1.3m
DDH88-18(RAM)
DDH88-19(RAM)
DDH88-20(RAM)
DDH88-21(RAM) 0.2g/t Au/2.7m
DDH88-22(RAM) 2.2g/t Au/5.3m
DDH88-23(RAM) 1.0g/t Au/3.4m
DDH88-24(RAM) 2.1g/t Au/4.4m
DDH88-25(RAM)
DDH88-26(RAM)
DDH88-27(RAM) 0.5g/t Au/4.7m
DDH88-28(RAM)
DDH88-29(RAM)
DDH88-30(RAM) 0.5g/t Au/1.2m
DDH88-1 1.8g/t Au/4.0m
DDH85-2
DDH85-3
DDH85-5
DDH85-7
DDH88-18 7.0g/t Au/1.2m
DDH88-19 3.5g/t Au/7.0m +2.0g/t Au/1.2m
DDH88-20 1.1g/t Au/1.0m
RC94-51 0.3g/t Au/3.0m
RC91-32 0.8g/t Au/1.5m
RC91-30 1.9g/t Au/10.6m
RC91-31
RC91-24 3.59g/t Au/24.3m
RC91-25 0.3g/t Au/4.5m
RC91-26 1.7g/t Au/3.0m
RC91-27
RC91-28 1.1g/t Au/1.6m
RC91-29
RC91-23 0.4g/t Au/6.0m
RC94-84 491ppbAu/3220ppmBi/0.3m
RC94-85 5.2g/t Au/5.48m
RC94-86
RC94-76 (DHRB)
RC94-64 735ppb Au, 628ppm, Bi/1.5m
RC94-83
RC94-82
RC94-81
RC94-77
RC94-78
RC94-68
RC94-66
RC94-65
RC94-60
RC94-88
old drill hole

## LEGEND

### SYMBOLS

- Dirt road, cat track
- Camp
- Claim post location
- 88-22 Post drill hole, DDH – diamond drill hole, RC – reverse circulation
- Cat trench

### Samples

- 3556 2000 soil sample/sample number
- n/s No samples collected
- 2000 rock sample, open – float, solid – outcrop
- 2000 auger sample
- Stream sediment sample, – GSC

Magnetic Declination for the map is: 27° 39' East of True North
Annual change 12.4' West

Grid North 1° 59' East of True North for the map

NTS Map 105/F/10, 105/F/7

Grid North

0 M 100 200 300 400 500 600 700
0 Ft 400 800 1200 1600 2000 2400

Scale 1:10,000

MAP AREA:
X: 619000 – 627500
Y: 6825000 – 6835000
Z: 0 – 10000
Units are meters

PROFESSIONAL GEOSCIENTIST PROVINCE OF BRITISH COLUMBIA A. T. MONTGOMERY

INDEX MAP
NORTH BLOCK
SOUTH BLOCK

# NEWMONT EXPLORATION OF CANADA LIMITED

ROSS RIVER GOLD LIMITED

TAY-LP PROJECT, YUKON TERRITORY, CANADA, SEAGULL CREEK AREA
WATSON LAKE MINING DISTRICT

PLATE 3a

## NORTH BLOCK 094190

## SAMPLE LOCATIONS

| | | |
|---|---|---|
| Compiled By: AM, RF | Contour Interval: 100 Feet | Coordinate System: UTM Zone 8 |
| Drafted By: Geodrafting | Date Generated: December, 2000 | File Name: TAY-LP_NORTHas.dwg |

620,000 mE | 621,000 mE | 622,000 mE | 623,000 mE | 624,000 mE | 625,000 mE | 626,000 mE | 627,000 mE

6,834,000 mN | 6,833,000 mN | 6,832,000 mN | 6,831,000 mN | 6,830,000 mN | 6,829,000 mN | 6,828,000 mN | 6,827,000 mN | 6,826,000 mN

L 33900N | L 33700N | L 33300N | L 32900N | L 29500N | L 29100N | L 29000N | L 28600N | L 28200N | L 27800N | L 27600N | L 27400N | L 27200N | L 27000N | L 26600N | L 26400N | L 26200N | L 26000N | L 25800N | L 25400N | L 25000N

RAM CLAIM BLOCK
TAY - LP CLAIM BLOCK
TAY - LP CLAIM BLOCK
TRY CLAIM BLOCK

Seagull Creek

Tolbert Creek

TOLBERT CREEK SOIL ANOMALY

CAMP SOIL ANOMALY

old drill hole

DDH88-17(RAM) 0.5g/t Au/1.5m
DDH88-18(RAM)
DDH88-19(RAM)
DDH88-20(RAM)
DDH88-21(RAM) 0.2g/t Au/2.7m
DDH88-23(RAM) 1.0g/t Au/3.4m
DDH88-22(RAM) 2.2g/t Au/5.3m
DDH88-24(RAM) 2.0g/t Au/4.4m
DDH88-25(RAM)
DDH88-26(RAM)
DDH88-27(RAM) 0.5g/t Au/4.7m
DDH88-30(RAM) 0.5g/t Au/2.2m
DDH88-28(RAM)
DDH88-29(RAM)
RC94-84 A91ppbAu/3220ppmBi/0.3m
RC94-83
RC94-82
RC94-81
RC94-68
RC94-66
RC94-65
RC94-77
RC94-60
RC94-88
RC94-78
RC91-34
RC94-85 5.2g/t Au/5.48m
RC94-86
RC94-75
RC94-76 (DNRB)
RC91-27
RC91-23 0.4g/t Au/6.0m
RC91-25 0.3g/t Au/4.5m
RC91-26 1.7g/t Au/3.0m
RC91-29
RC91-28
RC91-24 3.59g/t Au/24.3m
RC91-31
RC91-30 1.9g/t Au/10.6m
RC94-51 0.3g/t Au/3.0m
RC91-32 0.8g/t Au/1.5m
DDH88-22 0.9g/t Au/2.4m
DDH88-17
DDH87-15 3.4g/t Au/2.0m
DDH87-14 4.1g/t Au/2.0m
DDH87-13 2.0g/t Au/11.4m
DDH87-12 0.9g/t Au/6.0m
DDH87-11 1.5g/t Au/2.0m
DDH87-9
DDH87-10 4.0g/t Au/2.0m
DDH87-16 1.1g/t Au/6.0m
DDH85-3 1.8g/t Au/4.0m
DDH85-4
DDH85-1 1.8g/t Au/8.3m 1.6g/t Au/7.9m
DDH85-2 1.5g/t Au/2.0m
TRENCH 2 (1994) (0.176opt Au/4.5m)
94-64 735ppb Au, 628ppm Bi/1.5m
GOSSAN TRENCH
DDH85-5
DDH87-6
DDH87-7 1.1g/t Au/6.0m
DDH87-8
DDH87-5 1.2g/t Au/8.0m
DDH88-20 1.1g/t Au/1.0m
DDH88-19 3.5g/t Au/7.0m +2.0g/t Au/7.0m
DDH88-18 7.0g/t Au/1.2m
DDH85-6 1.1g/t Au/1.6m

## LEGEND

### SYMBOLS

- Dirt road, cat track
- Camp
- Claim post location
- 88-22 — Past drill hole, DDH – diamond drill hole, RC – reverse circulation
- Cat trench

### Samples

9 — 2000 soil sample/Gold in ppb

N/S — No samples collected

### Gold

- ≥ 10 ppb – Possibly Anomalous
- ≥ 20 ppb – Probably Anomalous
- ≥ 50 ppb – Anomalous
- ≥ 100 ppb – Highly Anomalous

2000 rock sample, open – float, solid – outcrop
- ≤ 25 ppb
- >25–100 ppb
- >100 ppb

2000 auger sample
- ≤ 25 ppb
- >25–100 ppb
- >100 ppb

Stream sediment sample, – GSC Open File 1290
- ≤ 10 ppb
- >10–25 ppb
- >25 ppb

INDEX MAP
NORTH BLOCK
SOUTH BLOCK

Magnetic Declination for the map is: 27° 39' East of True North
Annual change 12.4' West

Grid North 1° 59' East of True North for the map

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Grid North

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Scale 1:10,000

A. T. MONTGOMERY — PROFESSIONAL ENGINEER — PROVINCE OF BRITISH COLUMBIA — GEOSCIENTIST

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ROSS RIVER GOLD LIMITED

TAY-LP PROJECT, YUKON TERRITORY, CANADA, SEAGULL CREEK AREA
WATSON LAKE MINING DISTRICT

PLATE 3b

## NORTH BLOCK

094100

## Sample Results-Gold (ppb)

| Compiled By: | Contour Interval: | Coordinate System: |
|---|---|---|
| AM, RF | 100 Feet | UTM Zone 8 |
| **Drafted By:** | **Date Generated:** | **File Name:** |
| Geodrafting | December, 2000 | TAY-LP_NORTHas.dwg |

620,000 mE | 621,000 mE | 622,000 mE | 623,000 mE | 624,000 mE | 625,000 mE | 626,000 mE | 627,000 mE

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L 33900N | L 33700N | L 33300N | L 32900N | L 29500N | L 29100N | L 29000N | L 28600N | L 28200N | L 27800N | L 27600N | L 27400N | L 27200N | L 27000N | L 26600N | L 26400N | L 26200N | L 26000N | L 25800N | L 25400N | L 25000N

RAM CLAIM BLOCK

TAY - LP CLAIM BLOCK

TAY - LP CLAIM BLOCK

TRY CLAIM BLOCK

Seagull Creek

Tolbert Creek

TOLBERT CREEK SOIL ANOMALY

CAMP SOIL ANOMALY

old drill hole

DDH88-17(RAM) 0.5g/t Au/1.3m

DDH88-18(RAM)

DDH88-19(RAM)

DDH88-20(RAM)

DDH88-21(RAM) 0.2g/t Au/2.7m

DDH88-23(RAM) 1.0g/t Au/3.4m

DDH88-22(RAM) 2.2g/t Au/0.3m

DDH88-24(RAM) 2.0g/t Au/4.4m

DDH88-25(RAM)

DDH88-26(RAM)

DDH88-27(RAM) 0.5g/t Au/4.7m

DDH88-30(RAM) 0.5g/1 Au/2.2m

DDH88-28(RAM)

DDH88-29(RAM)

RC94-84 /191ppbAu/3220ppmBi/0.3m

RC94-83

RC94-82

RC94-81

RC94-68

RC94-66

RC94-65

RC94-60

RC94-88

RC94-78

RC94-77

RC94-76

RC94-86

RC94-85 5.2g/t Au/5.48m

RC94-64 730ppb Au, 628ppm Bi/1.5m

RC94-76 (DNRB)

RC91-27

RC91-23 0.4g/t Au/6.0m

RC91-25 0.3g/t Au/4.5m

RC91-26 1.7g/t Au/3.0m

RC91-29

RC91-28

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RC91-31

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RC91-32 0.8g/t Au/1.5m

RC91-34

DDH87-14 4.1g/t Au/2.0m

DDH87-13 2.0g/t Au/11.4m

DDH87-12 0.8g/t Au/6.0m

DDH87-11 1.5g/t Au/2.0m

DDH87-9 4.0g/t Au/2.0m

DDH87-10

DDH87-16 1.1g/t Au/6.0m

DDH85-4

DDH85-3 1.8g/t Au/4.0m

DDH85-1 1.8g/t Au/8.3m

DDH85-2 1.8g/t Au/7.9m

1.5g/t Au/2.0m

TRENCH 2 (1994) (0.176opt Au/4.5m)

DDH88-22 0.9g/t Au/2.4m

DDH88-15 3.4g/t Au/2.0m

DDH88-17

DDH88-19 3.5g/t Au/7.0m +2.0g/t Au/7.0m

DDH88-18 7.0g/t Au/1.2m

DDH88-20 1.1g/t Au/1.0m

DDH87-7 1.2g/t Au/8.0m

DDH87-6 1.2g/t Au/6.0m

DDH85-5

GOSSAN TRENCH

DDH87-8

DDH88-16 1.1g/t Au/1.6m

3160

## LEGEND

### SYMBOLS

- Dirt road, cat track
- Camp
- Claim post location
- 88-22 Past drill hole, DDH – diamond drill hole, RC – reverse circulation
- Cat trench

### Samples

2.75 2000 soil sample/Bismuth in ppm

n/s No samples collected

### Bismuth

- ≥ 3.5 ppm – Possibly Anomalous
- ≥ 5 ppm – Probably Anomalous
- ≥ 10 ppm – Anomalous
- ≥ 20 ppm – Highly Anomalous

2000 rock sample, open – float, solid – outcrop

- ≤ 5 ppm
- >5 – 50 ppm
- >50 ppm

2000 auger sample

- ≤ 5 ppm
- >5 – 50 ppm
- >50 ppm

Stream sediment sample, – GSC Open File 1290

- no results
- no results
- no results

Magnetic Declination for the map is: 27° 39' East of True North
Annual change 12.4' West

Grid North 1° 59' East of True North for the map

NTS Map 105/F/10, 105/F/7

Grid North

MAP AREA:
X: 619000 – 627500
Y: 6825000 – 6835000
Z: 0 – 10000
Units are meters

A. T. MONTGOMERY, PROFESSIONAL GEOSCIENTIST, PROVINCE OF BRITISH COLUMBIA

0 M 100 200 300 400 500 600 700

0 FT 400 800 1200 1600 2000 2400

Scale 1:10,000

INDEX MAP

NORTH BLOCK

SOUTH BLOCK

# NEWMONT EXPLORATION OF CANADA LIMITED

ROSS RIVER GOLD LIMITED

TAY-LP PROJECT, YUKON TERRITORY, CANADA, SEAGULL CREEK AREA
WATSON LAKE MINING DISTRICT

PLATE 3c

094190

## NORTH BLOCK

## Sample Results-Bismuth (ppm)

| | | |
|---|---|---|
| Compiled By: AM, RF | Contour Interval: 100 Feet | Coordinate System: UTM Zone 8 |
| Drafted By: Geodrafting | Date Generated: December, 2000 | File Name: TAY-LP_NORTHas.dwg |

620,000 mE | 621,000 mE | 622,000 mE | 623,000 mE | 624,000 mE | 625,000 mE | 626,000 mE | 627,000 mE

6,834,000 mN | 6,833,000 mN | 6,832,000 mN | 6,831,000 mN | 6,830,000 mN | 6,829,000 mN | 6,828,000 mN | 6,827,000 mN | 6,826,000 mN

L 33900N | L 33700N | L 33300N | L 32900N | L 29500N | L 29100N | L 28600N | L 28200N | L 27800N | L 27600N | L 27400N | L 27200N | L 27000N | L 29000N | L 26600N | L 26400N | L 26200N | L 26000N | L 25800N | L 25400N | L 25000N

RAM CLAIM BLOCK

TAY - LP CLAIM BLOCK

TAY - LP CLAIM BLOCK

TRY CLAIM BLOCK

TOLBERT CREEK SOIL ANOMALY

CAMP SOIL ANOMALY

Seagull Creek

Tolbert Creek

old drill hole

TRENCH 2 (1994)
(0.176opt Au/4.5m)

## LEGEND

### SYMBOLS

- Dirt road, cat track
- Camp
- Claim post location
- 88-22 — Post drill hole, DDH – diamond drill hole, RC – reverse circulation
- Cat trench

### Samples

38.2 — 2000 soil sample/Arsenic in ppm

n/s — No samples collected

### Arsenic

- ≥ 170 ppm – Possibly Anomalous
- ≥ 250 ppm – Probably Anomalous
- ≥ 500 ppm – Anomalous
- ≥ 1000 ppm – Highly Anomalous

2000 rock sample, open – float, solid – outcrop
- ≤ 250 ppm
- >250–1000 ppm
- >1000 ppm

2000 auger sample
- ≤ 250 ppm
- >250–1000 ppm
- >1000 ppm

Stream sediment sample, – GSC Open File 1290
- ≤ 50 ppm
- >50–150 ppm
- >150 ppm

INDEX MAP
NORTH BLOCK
SOUTH BLOCK

Magnetic Declination for the map is: 27° 39' East of True North
Annual change 12.4' West

Grid North 1° 59' East of True North for the map

NTS Map 105/F/10, 105/F/7

Grid North

MAP AREA:
X: 619000 – 627500
Y: 6825000 – 6835000
Z: 0 – 10000
Units are meters

PROFESSIONAL GEOSCIENTIST — PROVINCE OF BRITISH COLUMBIA — A. T. MONTGOMERY

0 M 100 200 300 400 500 600 700
0 Ft 400 800 1200 1600 2000 2400

Scale 1:10,000

# NEWMONT EXPLORATION OF CANADA LIMITED

ROSS RIVER GOLD LIMITED

TAY-LP PROJECT, YUKON TERRITORY, CANADA, SEAGULL CREEK AREA
WATSON LAKE MINING DISTRICT

PLATE 3d

094190

## NORTH BLOCK

## Sample Results-Arsenic (ppm)

| | | |
|---|---|---|
| Compiled By: AM, RF | Contour Interval: 100 Feet | Coordinate System: UTM Zone 8 |
| Drafted By: Geodrafting | Date Generated: December, 2000 | File Name: TAY-LP_NORTHas.dwg |

620,000 mE | 621,000 mE | 622,000 mE | 623,000 mE | 624,000 mE | 625,000 mE | 626,000 mE | 627,000 mE

6,834,000 mN | 6,833,000 mN | 6,832,000 mN | 6,831,000 mN | 6,830,000 mN | 6,829,000 mN | 6,828,000 mN | 6,827,000 mN | 6,826,000 mN

L 33900N | L 33700N | L 33300N | L 32900N | L 29500N | L 29100N | L 29000N | L 28600N | L 28200N | L 27800N | L 27600N | L 27400N | L 27200N | L 27000N | L 26600N | L 26400N | L 26200N | L 26000N | L 25800N | L 25400N | L 25000N

RAM CLAIM BLOCK

TAY - LP CLAIM BLOCK

TAY - LP CLAIM BLOCK

TRY CLAIM BLOCK

Seagull Creek

Creek

Tolbert Creek

TOLBERT CREEK SOIL ANOMALY

CAMP SOIL ANOMALY

old drill hole

DDH88-17(RAM) 0.5g/t Au/1.3m

DDH88-18(RAM)
DDH88-19(RAM)

DDH88-20(RAM)

DDH88-21(RAM)
0.2g/t Au/2.7m

DDH88-23(RAM) 1.0g/t Au/3.4m

DDH88-22(RAM)
2.2g/t Au/0.3m

DDH88-24(RAM)
2.0g/t Au/4.4m

DDH88-25(RAM)
DDH88-26(RAM)

DDH88-27(RAM)
0.5g/t Au/4.7m

DDH88-30(RAM)
0.5g/t Au/2.2m

DDH88-28(RAM)
DDH88-29(RAM)

RC94-84 A91ppbAu/3220ppmBi/0.3m

DDH88-22
0.9g/t Au/2.4m

DDH87-15
3.4g/t Au/2.0m

DDH88-17

DDH87-14 4.1g/t Au/2.0m

DDH87-13 2.0g/t Au/11.4m

DDH87-12
0.9g/t Au/6.0m

DDH87-11 1.5g/t Au/2.0m

DDH87-9 4.0g/t Au/2.0m

DDH87-10

DDH87-16
1.1g/t Au/6.0m

DDH85-3 1.8g/t Au/4.0m

DDH85-4

RC94-85
5.2g/t Au/5.48m

94-64
735ppb Au, 628ppm Bi/1.5m

DDH85-1

TRENCH 2 (1994)
(0.176opt Au/4.5m)

DDH85-2
1.8g/t Au/8.3m
1.6g/t Au/7.9m
1.5g/t Au/2.0m

RC94-86

RC94-76 (DNRB)

GOSSAN TRENCH
DDH85-5

DDH87-7
1.1g/t Au/6.0m

DDH87-6
1.2g/t Au/8.0m

DDH87-8

DDH88-20
1.1g/t Au/1.0m

RC91-27

1.7g/t Au/3.0m RC91-26

RC91-25
0.3g/t Au/4.5m

RC91-23
0.4g/t Au/6.0m

RC91-29

RC91-28

DDH88-19 3.5g/t Au/7.0m
+2.0g/t Au/7.0m

DDH88-18
7.0g/t Au/1.2m

RC91-24 3.59g/t Au/24.3m

RC91-31

RC94-51
0.3g/t Au/3.0m

RC91-30
1.9g/t Au/10.6m

RC91-32
0.8g/t Au/1.5m

RC94-84 A91ppbAu/3220ppmBi/0.3m

RC94-83

RC94-82

RC94-81

RC94-68

RC94-66

RC94-65

RC94-77

RC94-60

RC94-88

RC94-75

RC91-34

RC94-86

RC94-76

RC94-87

RC94-79

RC94-80

RC94-78

RC94-74

RC94-73

RC94-72

RC94-71

RC94-70

RC94-69

RC94-67

RC94-63

RC94-62

RC94-61

RC94-59

RC94-58

RC94-57

RC94-56

RC94-55

RC94-54

RC94-53

RC94-52

RC94-50

RC94-49

RC94-48

RC94-47

RC94-46

RC94-45

RC94-44

RC94-43

RC94-42

RC94-41

RC94-40

RC94-39

RC94-38

RC94-37

RC94-36

RC94-35

RC94-33

RC94-32

RC94-31

RC94-30

RC94-29

RC94-28

RC94-27

RC94-26

RC94-25

RC94-24

RC94-23

RC94-22

RC94-21

RC94-20

RC94-19

RC94-18

RC94-17

RC94-16

RC94-15

RC94-14

RC94-13

RC94-12

RC94-11

RC94-10

RC94-9

RC94-8

RC94-7

RC94-6

RC94-5

RC94-4

RC94-3

RC94-2

RC94-1

## LEGEND

### SYMBOLS

- Dirt road, cat track
- Camp
- Claim post location
- 88-22 Post drill hole, DDH – diamond drill hole, RC – reverse circulation
- Cat trench

### Samples

2,75 2000 soil sample/Antimony in ppm

n/s No samples collected

### Antimony

- ≥ 2.5 ppm – Possibly Anomalous
- ≥ 4.5 ppm – Probably Anomalous
- ≥ 7.5 ppm – Anomalous
- ≥ 15.0 ppm – Highly Anomalous

2000 rock sample, open – float, solid – outcrop
≤ 5 ppm | >5 – 50 ppm | >50 ppm

2000 auger sample
≤ 5 ppm | >5 – 50 ppm | >50 ppm

Stream sediment sample, – GSC Open File 1290
≤ 3.5 ppm | >3.5 – 5.0 ppm | >5.0 ppm

Magnetic Declination for the map is: 27° 39' East of True North
Annual change 12.4' West

Grid North 1° 59' East of True North for the map

NTS Map 105/F/10, 105/F/7

Grid North

MAP AREA:
X: 619000 – 627500
Y: 6825000 – 6835000
Z: 0 – 10000
Units are meters

0 M 100 200 300 400 500 600 700
0 Ft 400 800 1200 1600 2000 2400

Scale 1:10,000

INDEX MAP
NORTH BLOCK
SOUTH BLOCK

PROFESSIONAL GEOSCIENTIST PROVINCE OF BRITISH COLUMBIA A. T. McCAMMON

# NEWMONT EXPLORATION OF CANADA LIMITED

ROSS RIVER GOLD LIMITED

TAY-LP PROJECT, YUKON TERRITORY, CANADA, SEAGULL CREEK AREA
WATSON LAKE MINING DISTRICT

PLATE 3e

NORTH BLOCK 094190

## Sample Results-Antimony (ppm)

| Compiled By: | Contour Interval: | Coordinate System: |
|---|---|---|
| AM, RF | 100 Feet | UTM Zone 8 |
| Drafted By: | Date Generated: | File Name: |
| Geodrafting | December, 2000 | TAY-LP_NORTHas.dwg |

L 33900N
L 33700N
L 33300N
L 32900N
L 29500N
L 29100N
L 28600N
L 28200N
L 27800N
L 27600N
L 27400N
L 27200N
L 27000N
L 29000N
L 26600N
L 26400N
L 26200N
L 26000N
L 25800N
L 25400N
L 25000N

RAM CLAIM BLOCK
TAY - LP CLAIM BLOCK
TAY - LP CLAIM BLOCK
TRY CLAIM BLOCK

Seagull Creek
Creek
Tolbert Creek

TOLBERT CREEK SOIL ANOMALY
CAMP SOIL ANOMALY

old drill hole
RC94-84 A91ppbAu/3220ppmBi/0.3m
RC94-83
RC94-82
RC94-81
RC94-68
RC94-66
RC94-65
RC94-77
RC94-60
RC94-88
RC94-78
RC94-86
RC94-76 (DNRB)
RC91-34
RC91-27
RC91-25
RC91-23
RC91-29
RC91-28
RC91-24
RC91-31
RC91-30
RC94-51
RC91-32
94-64 735ppb Au, 628ppm Bi/1.5m
TRENCH 2 (1994) (0.176opt Au/4.5m)
GOSSAN TRENCH

DDH88-17(RAM) 0.5g/t Au/1.5m
DDH88-18(RAM)
DDH88-19(RAM)
DDH88-20(RAM)
DDH88-21(RAM) 0.2g/t Au/2.7m
DDH88-23(RAM) 1.0g/t Au/3.4m
DDH88-22(RAM) 2.2g/t Au/3.3m
DDH88-24(RAM) 2.0g/t Au/4.4m
DDH88-25(RAM)
DDH88-26(RAM)
DDH88-27(RAM) 0.5g/t Au/4.7m
DDH88-30(RAM) 0.5g/t Au/2.2m
DDH88-28(RAM)
DDH88-29(RAM)
DDH88-22 0.9g/t Au/2.4m
DDH88-17
DDH87-15 3.4g/t Au/2.0m
DDH87-14 4.1g/t Au/2.0m
DDH87-13 2.0g/t Au/11.4m
DDH87-12 0.9g/t Au/6.0m
DDH87-11 1.5g/t Au/2.0m
DDH87-10
DDH87-9 4.0g/t Au/2.0m
DDH87-16 1.1g/t Au/6.0m
DDH85-4
DDH85-3 1.8g/t Au/4.0m
DDH85-1 1.8g/t Au/8.3m
DDH85-2 1.6g/t Au/7.9m
1.5g/t Au/2.0m
DDH85-5
DDH87-6 1.2g/t Au/8.0m
DDH87-7 1.1g/t Au/6.0m
DDH87-8
DDH88-20 1.1g/t Au/1.0m
DDH88-19 3.5g/t Au/7.0m
+2.0g/t Au/7.0m
DDH88-18 7.0g/t Au/1.2m
RC94-51 0.3g/t Au/3.0m
RC91-30 0.8g/t Au/1.5m
RC91-26 0.3g/t Au/4.5m
1.7g/t Au/3.0m
DDH88-21 1.1g/t Au/1.6m

620,000 mE
621,000 mE
622,000 mE
623,000 mE
624,000 mE
625,000 mE
626,000 mE
627,000 mE

6,834,000 mN
6,833,000 mN
6,832,000 mN
6,831,000 mN
6,830,000 mN
6,829,000 mN
6,828,000 mN
6,827,000 mN
6,826,000 mN

## LEGEND

### SYMBOLS

- Dirt road, cat track
- Comp
- Claim post location
- 88-22 Post drill hole, DDH – diamond drill hole, RC – reverse circulation
- Cat trench

### Samples

0.36 2000 soil sample/Silver in ppm

n/s No samples collected

### Silver

- ≥ 0.6 ppm – Possibly Anomalous
- ≥ 1.0 ppm – Probably Anomalous
- ≥ 1.5 ppm – Anomalous
- ≥ 2.5 ppm – Highly Anomalous

2000 rock sample, open – float, solid – outcrop
≤ 5 ppm >5 – 25 ppm >25 ppm

2000 auger sample
≤ 5 ppm >5 – 25 ppm >25 ppm

Stream sediment sample, – GSC Open File 1290
≤ 0.3 ppm >0.3 – 0.6 ppm >0.6 ppm

INDEX MAP
NORTH BLOCK
SOUTH BLOCK

Magnetic Declination for the map is: 27° 39' East of True North
Annual change 12.4' West

Grid North 1° 59' East of True North for the map

NTS Map 105/F/10, 105/F/7

Grid North

0 M 100 200 300 400 500 600 700
0 Ft 400 800 1200 1600 2000 2400

Scale 1:10,000

MAP AREA:
X: 619000 – 627500
Y: 6825000 – 6835000
Z: 0 – 10000
Units are meters

PROFESSIONAL ENGINEER PROVINCE OF BRITISH COLUMBIA A. T. MONTGOMERY GEOSCIENTIST

# NEWMONT EXPLORATION OF CANADA LIMITED

ROSS RIVER GOLD LIMITED

TAY-LP PROJECT, YUKON TERRITORY, CANADA, SEAGULL CREEK AREA
WATSON LAKE MINING DISTRICT

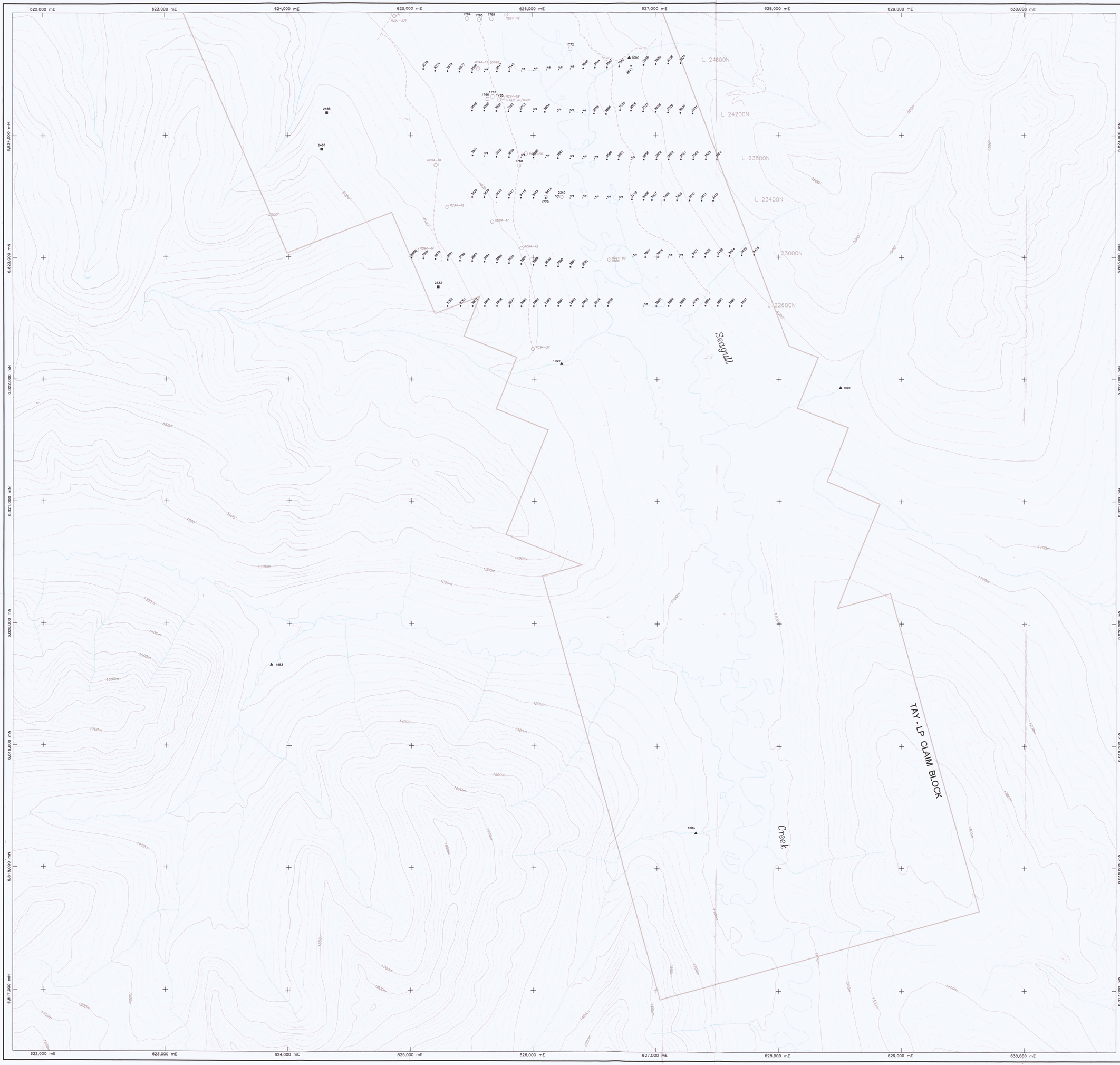
PLATE 3f

## NORTH BLOCK

094190

## Sample Results-Silver (ppm)

| Compiled By: | Contour Interval: | Coordinate System: |
|---|---|---|
| AM, RF | 100 Feet | UTM Zone 8 |
| Drafted By: | Date Generated: | File Name: |
| Geodrafting | December, 2000 | TAY-LP_NORTHss.dwg |




## LEGEND

### SYMBOLS

- Dirt road, cat track
- Camp
- Claim post location
- 88-22 Post drill hole, DDH – diamond drill hole, RC – reverse circulation
- Cat trench

### Samples

- 3558 2000 soil sample/sample number
- n/s No samples collected
- 2000 rock sample, open – float, solid – outcrop
- 2000 auger sample
- Stream sediment sample, – GSC

MAP AREA:
X: 621750 – 630750
Y: 6818500 – 6828000
Z: 0 – 10000
Units are meters

INDEX MAP
NORTH BLOCK
SOUTH BLOCK

Grid North

Magnetic Declination for the map is: 27° 39' East of True North
Annual change 12.4' West

Grid North 1° 59' East of True North for the map

NTS Map 105/F/10, 105/F/7

0 M 100 200 300 400 500 600 700
0 FT 400 800 1200 1600 2000 2400

Scale 1:10,000

PROFESSIONAL ENGINEER A.T. MACKENZIE YUKON TERRITORY CANADA

NEWMONT EXPLORATION OF CANADA LIMITED
ROSS RIVER GOLD LIMITED
TAY-LP PROJECT, YUKON TERRITORY, CANADA, SEAGULL CREEK AREA
WATSON LAKE MINING DISTRICT

PLATE 4a
SOUTH BLOCK
SAMPLE LOCATIONS

094190

| Compiled By: | AM, RF | Contour Interval: | 100 Feet/20 Metres | Coordinate System: | UTM Zone 8 |
|---|---|---|---|---|---|
| Drafted By: | Geodrafting | Date Generated: | December, 2000 | File Name: | TAY-LP_SOUTHas.dwg |

622,000 mE | 623,000 mE | 624,000 mE | 625,000 mE | 626,000 mE | 627,000 mE | 628,000 mE | 629,000 mE | 630,000 mE

6,824,000 mN | 6,823,000 mN | 6,822,000 mN | 6,821,000 mN | 6,820,000 mN | 6,819,000 mN | 6,818,000 mN | 6,817,000 mN

RC91-337 | RC94-49 | RC94-57 (DWRB) | RC94-58 5.1g/t Au/0.5m | RC94-56 | RC94-38 | RC94-42 | RC94-47 | RC94-44 | RC94-45 | RC94-53 DWRB | RC94-37

L 24600N | L 24200N | L 23800N | L 23400N | L 23000N | L 22600N

5600' | 5400' | 5200' | 5000' | 4800' | 4600' | 4400'

1300m | 1400m | 1500m | 1600m | 1700m | 1800m | 1900m | 1200m | 1100m

Seagull Creek

TAY-LP CLAIM BLOCK

## LEGEND

### SYMBOLS

- Dirt road, cat track
- Camp
- Claim post location
- 88-22 Post drill hole, DDH – diamond drill hole, RC – reverse circulation
- Cat trench

### Samples

- 9 2000 soil sample/Gold in ppb
- n/s No samples collected

### Gold

- ≥ 10 ppb – Possibly Anomalous
- ≥ 20 ppb – Probably Anomalous
- ≥ 50 ppb – Anomalous
- ≥ 100 ppb – Highly Anomalous

2000 rock sample, open – float, solid – outcrop
- ≤ 25 ppb
- >25–100 ppb
- >100 ppb

2000 auger sample
- ≤ 25 ppb
- >25–100 ppb
- >100 ppb

Stream sediment sample, – GSC Open File 1290
- ≤ 10 ppb
- >10–25 ppb
- >25 ppb

MAP AREA:
X: 621750 – 630750
Y: 6818500 – 6828000
Z: 0 – 10000
Units are meters

INDEX MAP
NORTH BLOCK
SOUTH BLOCK

Grid North

Magnetic Declination for the map is: 27° 39' East of True North
Annual change 12.4' West

Grid North 1° 59' East of True North for the map

NTS Map 105/F/10, 105/F/7

0 M 100 200 300 400 500 600 700
0 FT 400 800 1200 1600 2000 2400

Scale 1:10,000

# NEWMONT EXPLORATION OF CANADA LIMITED

ROSS RIVER GOLD LIMITED

TAY-LP PROJECT, YUKON TERRITORY, CANADA, SEAGULL CREEK AREA
WATSON LAKE MINING DISTRICT

PLATE 4b

## SOUTH BLOCK

094150

## Sample Results-Gold (ppb)

| | | | |
|---|---|---|---|
| Compiled By: AM, RF | Contour Interval: 100 Feet/20 Metres | Coordinate System: UTM Zone 8 |
| Drafted By: Geodrafting | Date Generated: December, 2000 | File Name: TAY-LP_SOUTHas.dwg |

622,000 mE | 623,000 mE | 624,000 mE | 625,000 mE | 626,000 mE | 627,000 mE | 628,000 mE | 629,000 mE | 630,000 mE

6,824,000 mN | 6,823,000 mN | 6,822,000 mN | 6,821,000 mN | 6,820,000 mN | 6,819,000 mN | 6,818,000 mN | 6,817,000 mN

L 24600N | L 24200N | L 23800N | L 23400N | L 23000N | L 22600N

Seagull Creek

TAY-LP CLAIM BLOCK

RC94-57 (DNRB) | RC94-58 3.1g/t Au/0.9m | RC94-56 | RC94-55 | RC94-54 DNRB | RC94-53 DNRB | RC94-52 | RC94-51 | RC94-50 | RC94-49 | RC94-48 | RC94-47 | RC94-46 | RC94-45 | RC94-44 | RC94-43 | RC94-42 | RC94-41 | RC94-40 | RC94-39 | RC94-38 | RC94-37 | RC91-339

## LEGEND

### SYMBOLS

- DH road, cat track
- Camp
- Claim post location
- 88-25 Past drill hole, DDH – diamond drill hole, RC – reverse circulation
- Cat trench

### Samples

2.75 2000 soil sample/Bismuth in ppm | n/s No samples collected

### Bismuth

- ≥ 3.5 ppm – Possibly Anomalous
- ≥ 5 ppm – Probably Anomalous
- ≥ 10 ppm – Anomalous
- ≥ 20 ppm – Highly Anomalous

2000 rock sample, open – float, solid – outcrop: ■ ≤ 5 ppm | ■ >5 – 50 ppm | ■ >50 ppm

2000 auger sample: ○ ≤ 5 ppm | ○ >5 – 50 ppm | ○ >50 ppm

Stream sediment sample, – GSC Open File 1290: ▲ no results | ▲ no results | ▲ no results

MAP AREA:
X: 621750 – 630750
Y: 6816500 – 6826500
Z: 0 – 10000
Units are meters

Grid North

Magnetic Declination for the map is: 27° 39' East of True North
Annual change 12.4' West

Grid North 1° 59' East of True North for the map

NTS Map 105/F/10, 105/F/7

INDEX MAP: NORTH BLOCK | SOUTH BLOCK

094190

0 M 100 200 300 400 600 800 1000
0 FT 400 800 1200 1600 2000 2400

Scale 1:10,000

A. T. MONTGOMERY — PROFESSIONAL ENGINEER — PROVINCE OF BRITISH COLUMBIA — CANADA

# NEWMONT EXPLORATION OF CANADA LIMITED

ROSS RIVER GOLD LIMITED

TAY-LP PROJECT, YUKON TERRITORY, CANADA, SEAGULL CREEK AREA
WATSON LAKE MINING DISTRICT

PLATE 4c

## SOUTH BLOCK

## Sample Results-Bismuth (ppm)

| Compiled By: | AM, RF | Contour Interval: | 100 Feet/20 Metres | Coordinate System: | UTM Zone 8 |
|---|---|---|---|---|---|
| Drafted By: | Geodrafting | Date Generated: | December, 2000 | File Name: | TAY-LP_SOUTHbis.dwg |

622,000 mE | 623,000 mE | 624,000 mE | 625,000 mE | 626,000 mE | 627,000 mE | 628,000 mE | 629,000 mE | 630,000 mE

6,824,000 mN | 6,823,000 mN | 6,822,000 mN | 6,821,000 mN | 6,820,000 mN | 6,819,000 mN | 6,818,000 mN | 6,817,000 mN

L 24600N
L 24200N
L 23800N
L 23400N
L 23000N
L 22600N

Seagull Creek

TAY - LP CLAIM BLOCK

RC91-337 | RC94-49 | RC94-57 (DWR) | RC94-58 3.1g/t Au/0.9m | RC94-56 | RC94-55 | RC94-54 | RC94-53 DWR | RC94-52 | RC94-51 | RC94-50 | RC94-48 | RC94-47 | RC94-46 | RC94-45 | RC94-44 | RC94-43 | RC94-42 | RC94-41 | RC94-40 | RC94-39 | RC94-38 | RC94-37 | RC94-36 | RC94-35 | RC94-34 | RC94-33 | RC94-32 | RC94-31 | RC94-30 | RC94-29 | RC94-28 | RC94-27 | RC94-26 | RC94-25 | RC94-24 | RC94-23 | RC94-22 | RC94-21 | RC94-20 | RC94-19 | RC94-18 | RC94-17 | RC94-16 | RC94-15 | RC94-14 | RC94-13 | RC94-12 | RC94-11 | RC94-10 | RC94-9 | RC94-8 | RC94-7 | RC94-6 | RC94-5 | RC94-4 | RC94-3 | RC94-2 | RC94-1

59.4 | 13.4 | 2780 | 41.2 | 8800 | 26.2 | 13 | 19.6 | 22.6 | 27.2 | n/s | 65.6 | 83 | n/s | n/s | n/s | n/s | 67.4 | 36.2 | 28.6 | 49 | 126 | 32.6 | 23.6 | 30.8 | 47.6 | 12.2 | 2.6 | 30.6 | 22.2 | 24 | 30.4 | 29.6 | 13.2 | n/s | 30.8 | n/s | n/s | n/s | 36.6 | 37.6 | 34.8 | 46.2 | 26 | 21.6 | 13.8 | 23.6 | 19.4 | 9.4 | 31.2 | 13.2 | n/s | 18.2 | 17.6 | n/s | 7.4 | n/s | 49.8 | n/s | n/s | n/s | 10.4 | 12.8 | n/s | 11.4 | 24.8 | 20.8 | 8 | 35 | 16 | 5.4 | 21.8 | 14 | 6.6 | 13.2 | 10.8 | 5.6 | 43.8 | 20.6 | 77 | n/s | n/s | n/s | n/s | n/s | 25.4 | 11 | 9.8 | 16 | 22.4 | 13.4 | 31.8 | 35.6 | 10.6 | 2.8 | 45.8 | 186.5 | 35.2 | 24.8 | 23 | 5.2 | 8.2 | 20.2 | 17.4 | 42.4 | 19.2 | 23.4 | 30.6 | n/s | 48 | 10 | n/s | n/s | 36.2 | 15.8 | 31.8 | 24.2 | 29.8 | 8.6 | 169 | 48 | 22.2 | 4.2 | 3.4 | 37.2 | 9.2 | 14.2 | 20.2 | 11.2 | 13.8 | 14.4 | 17.2 | 16.4 | 27.2 | n/s | 22 | 21.4 | 25.6 | 22.2 | 20 | 16.2 | 21 | 18 | 39 | 25 | 75 | 33

## LEGEND

### SYMBOLS

- Dirt road, cat track
- Camp
- Claim post location
- 88-22 — Post drill hole, DDH – diamond drill hole, RC – reverse circulation
- Cat trench

### Samples

38.2 — 2000 soil sample/Arsenic in ppm | n/s — No samples collected

### Arsenic

- ≥ 170 ppm – Possibly Anomalous
- ≥ 250 ppm – Probably Anomalous
- ≥ 500 ppm – Anomalous
- ≥ 1000 ppm – Highly Anomalous

2000 rock sample, open – float, solid – outcrop
- ≤ 250 ppm | >250–1000 ppm | >1000 ppm

2000 auger sample
- ≤ 250 ppm | >250–1000 ppm | >1000 ppm

Stream sediment sample, – GSC Open File 1290
- ≤ 50 ppm | >50–150 ppm | >150 ppm

MAP AREA:
X: 621750 – 630750
Y: 6815500 – 6825000
Z: 0 – 10000
Units are meters

INDEX MAP
NORTH BLOCK
SOUTH BLOCK

Grid North

Magnetic Declination for the map is: 27° 39' East of True North
Annual change 12.4' West

Grid North 1° 59' East of True North for the map

094130

NTS Map 105/F/10, 105/F/7

0 M 100 200 300 400 500 600 700
0 FT 400 800 1200 1600 2000 2400

Scale 1:10,000

PROFESSIONAL ENGINEER PROVINCE OF BRITISH COLUMBIA A. T. MONTGOMERY

# NEWMONT EXPLORATION OF CANADA LIMITED

ROSS RIVER GOLD LIMITED

TAY-LP PROJECT, YUKON TERRITORY, CANADA, SEAGULL CREEK AREA
WATSON LAKE MINING DISTRICT

PLATE 4d

## SOUTH BLOCK

## Sample Results-Arsenic (ppm)

| | | | |
|---|---|---|---|
| Compiled By: AM, RF | Contour Interval: 100 Feet/20 Metres | Coordinate System: UTM Zone 8 |
| Drafted By: Geodrafting | Date Generated: December, 2000 | File Name: TAY-LP_SOUTHas.dwg |

622,000 mE | 623,000 mE | 624,000 mE | 625,000 mE | 626,000 mE | 627,000 mE | 628,000 mE | 629,000 mE | 630,000 mE

6,824,000 mN | 6,823,000 mN | 6,822,000 mN | 6,821,000 mN | 6,820,000 mN | 6,819,000 mN | 6,818,000 mN | 6,817,000 mN

L 24600N | L 24200N | L 23800N | L 23400N | L 23000N | L 22600N

Seagull Creek

TAY - LP CLAIM BLOCK

RC91-339 | RC94-49 | RC94-57 (DNR8) | RC94-58 1.1g/t Au/0.9m | RC94-56 | RC94-38 | RC94-42 | RC94-47 | RC94-44 | RC94-45 | RC94-53 DNR8 | RC94-37

5500' | 5000' | 4500' | 4000'

1100m | 1200m | 1300m | 1400m | 1500m | 1600m | 1700m | 1800m

BELT BARRIER

## LEGEND

### SYMBOLS

- Dirt road, cat track
- Camp
- Claim post location
- 88-22 — Post drill hole, DDH – diamond drill hole, RC – reverse circulation
- Cat trench

### Samples

2,75 — 2000 soil sample/Antimony in ppm

n/s — No samples collected

### Antimony

- ≥ 2.5 ppm – Possibly Anomalous
- ≥ 4.5 ppm – Probably Anomalous
- ≥ 7.5 ppm – Anomalous
- ≥ 15.0 ppm – Highly Anomalous

2000 rock sample, open – float, solid – outcrop
- ■ ≤ 5 ppm
- ■ >5 – 50 ppm
- ■ >50 ppm

2000 auger sample
- ○ ≤ 5 ppm
- ○ >5 – 50 ppm
- ○ >50 ppm

Stream sediment sample, – GSC Open File 1290
- ▲ ≤ 3.5 ppm
- ▲ >3.5 – 5.0 ppm
- ▲ >5.0 ppm

MAP AREA:
X: 621750 – 630750
Y: 6818500 – 6828000
Z: 0 – 10000
Units are meters

Grid North

Magnetic Declination for the map is: 27° 39' East of True North
Annual change 12.4' West

Grid North 1° 59' East of True North for the map

NTS Map 105/F/10, 105/F/7

INDEX MAP
NORTH BLOCK
SOUTH BLOCK

0 M 100 200 300 400 500 600 700
0 Ft 400 800 1200 1600 2000 2400
Scale 1:10,000

A. T. MONTGOMERY — PROFESSIONAL ENGINEER — BC — CANADA

NEWMONT EXPLORATION OF CANADA LIMITED
ROSS RIVER GOLD LIMITED
TAY-LP PROJECT, YUKON TERRITORY, CANADA, SEAGULL CREEK AREA
WATSON LAKE MINING DISTRICT

PLATE 4e
SOUTH BLOCK
Sample Results-Antimony (ppm)

094 I 12

| | | | |
|---|---|---|---|
| Compiled By: AM, RF | Contour Interval: 100 Feet/20 Metres | Coordinate System: UTM Zone 8 |
| Drafted By: Geodrafting | Date Generated: December, 2000 | File Name: TAY-LP_SOUTHas.dwg |

622,000 mE | 623,000 mE | 624,000 mE | 625,000 mE | 626,000 mE | 627,000 mE | 628,000 mE | 629,000 mE | 630,000 mE

6,824,000 mN | 6,823,000 mN | 6,822,000 mN | 6,821,000 mN | 6,820,000 mN | 6,819,000 mN | 6,818,000 mN | 6,817,000 mN

L 24600N | L 24200N | L 23800N | L 23400N | L 23000N | L 22600N

Seagull Creek

TAY - LP CLAIM BLOCK

RC91-33† | RC94-49 | RC94-57 (DWR) | RC94-56 3.1g/t Au/0.9m | RC94-38 | RC94-42 | RC94-47 | RC94-44 | RC94-45 | RC94-53 DWRB | RC94-37

5000' | 4500' | 5500' | 4000'

1100m | 1200m | 1300m | 1400m | 1500m | 1600m | 1700m

## LEGEND

### SYMBOLS

- Dirt road, cat track
- Camp
- Claim post location
- 88-22 Past drill hole, DDH – diamond drill hole, RC – reverse circulation
- Cat trench

### Samples

0.36 2000 soil sample/Silver in ppm — n/s No samples collected

### Silver

- ≥ 0.6 ppm – Possibly Anomalous
- ≥ 1.0 ppm – Probably Anomalous
- ≥ 1.5 ppm – Anomalous
- ≥ 2.5 ppm – Highly Anomalous

2000 rock sample, open – float, solid – outcrop
≤ 5 ppm | >5 – 25 ppm | >25 ppm

2000 auger sample
≤ 5 ppm | >5 – 25 ppm | >25 ppm

Stream sediment sample, – GSC Open File 1290
≤ 0.3 ppm | >0.3 – 0.6 ppm | >0.6 ppm

MAP AREA:
X: 621750 – 630750
Y: 6818500 – 6828000
Z: 0 – 10000
Units are meters

INDEX MAP
NORTH BLOCK
SOUTH BLOCK

Grid North

Magnetic Declination for the map is: 27° 39' East of True North
Annual change 12.4' West

Grid North 1° 59' East of True North for the map

NTS Map 105/F/10, 105/F/7

0 M 100 200 300 400 500 600 700
0 FT 400 800 1200 1600 2000 2400

Scale 1:10,000

A. T. MONTGOMERY — PROFESSIONAL ENGINEER — PROVINCE OF BRITISH COLUMBIA — GEOSCIENTIST

# NEWMONT EXPLORATION OF CANADA LIMITED

ROSS RIVER GOLD LIMITED

TAY-LP PROJECT, YUKON TERRITORY, CANADA, SEAGULL CREEK AREA
WATSON LAKE MINING DISTRICT

PLATE 4f

SOUTH BLOCK

094190

## Sample Results-Silver (ppm)

| | | | |
|---|---|---|---|
| Compiled By: AM, RF | Contour Interval: 100 Feet/20 Metres | Coordinate System: UTM Zone 8 |
| Drafted By: Geodrafting | Date Generated: December, 2000 | File Name: TAY-LP_SOUTHss.dwg |

615000E 620000E 625000E 630000E

6835000N 6830000N 6825000N 6820000N 6815000N

20015 20020 20030 20040 20050 20060 20070 20080 20090 20100 21135 20045

20171 20181 20195 20200 20210 20225 20235 20240 20255 20265 20270 20284 20295 20300 20310 20320 20330 20340 20350 20365 20370 20380 20390 20400 20415 20420 20430 20440 20450 20460 20470 20480 20490 20505 20510 20520 20530 20540 20550 20560 20570 20585 20590 20600 20610 20620 20630 20640 20650 20660 20670 20680 20690 20700 20710 20720 20732 20741 20750 20760 20775 20780 20790 20805 20815 20820 20830 20840 20850 20860 20870 20880 20890 20900 20910 20920 20930 20940 20950 20960 20970 20980 20990 21005 21010 21020 21030 21040 21050 21060 21070 21080 21090 21100 21110 21125 21135

20111 20120 20130 20145 20155 20160 20110 20041 20190 21135 20170 20180 20290 20280 20301 20360 20416 20500 20580 20575 20770 20785 20810 20932 20995 21015 21055 21135

615000E 620000E 625000E 630000E

## SURVEY SPECIFICATIONS

Survey Date: May 19-28 / 2000
Operator: Fugro Airborne Surveys
Line Orientation: N55E
Line Spacing: 200m
Sensor Height: 30m
Navigation: GPS
Aircraft: Helicopter
Instrument: Geometrics G822 Cesium Vapor

## LOCATION INFORMATION

Map Boundaries:

613000 - 634500 mE
6814000 - 6839000 mN

Map Projection: NAD 27 UTM Zone 8N

0 500 1000 1500 M
SCALE 1:25000

0 2000 4000 6000 Ft
SCALE 1:25000

094190

NEWMONT EXPLORATION OF CANADA LIMITED
ROSS RIVER GOLD LIMITED

TAY-LP PROJECT, YUKON TERRITORY, CANADA, PELLY MOUNTAIN RANGE
WATSON LAKE MINING DISTRICT

PLATE 5A
REGIONAL BLOCK
AIRBORNE GEOPHYSICAL SURVEY
FLIGHT LINE PLOT

October 2000

0941190

NEWMONT EXPLORATION OF CANADA LIMITED
ROSS RIVER GOLD LIMITED

TAY-LP PROJECT, YUKON TERRITORY, CANADA, PELLY MOUNTAIN RANGE
WATSON LAKE MINING DISTRICT

PLATE 5B
REGIONAL BLOCK
AIRBORNE MAGNETIC SURVEY
TOTAL FIELD (nT)

October 2000

SCALE 1:25000

0 500 1000 1500
M

SCALE 1:25000

0 2000 4000 6000
Ft

N

nT

5.6×10⁴ 5.8×10⁴ 6.0×10⁴ 6.2×10⁴

0.0 0.2 0.4 0.6 0.8 1.0

## LOCATION INFORMATION

Map Boundaries:

613000 - 634500 mE
6814000 - 6839000 mN

Map Projection: NAD 27 UTM Zone 8N

## DATA PROCESSING

Diurnal Corrections, Manual Line Leveling,
Minimum Curvature Gridding @50m Imaging,
and Contouring.

Contour Intervals
5550 - 5700 CI = 200 nT
5700 - 5850 CI = 50 nT
5850 - 6900 CI = 1000 nT

Imaging:

Colouration - Histogram Equalized
Illumination - North @ 45 degrees

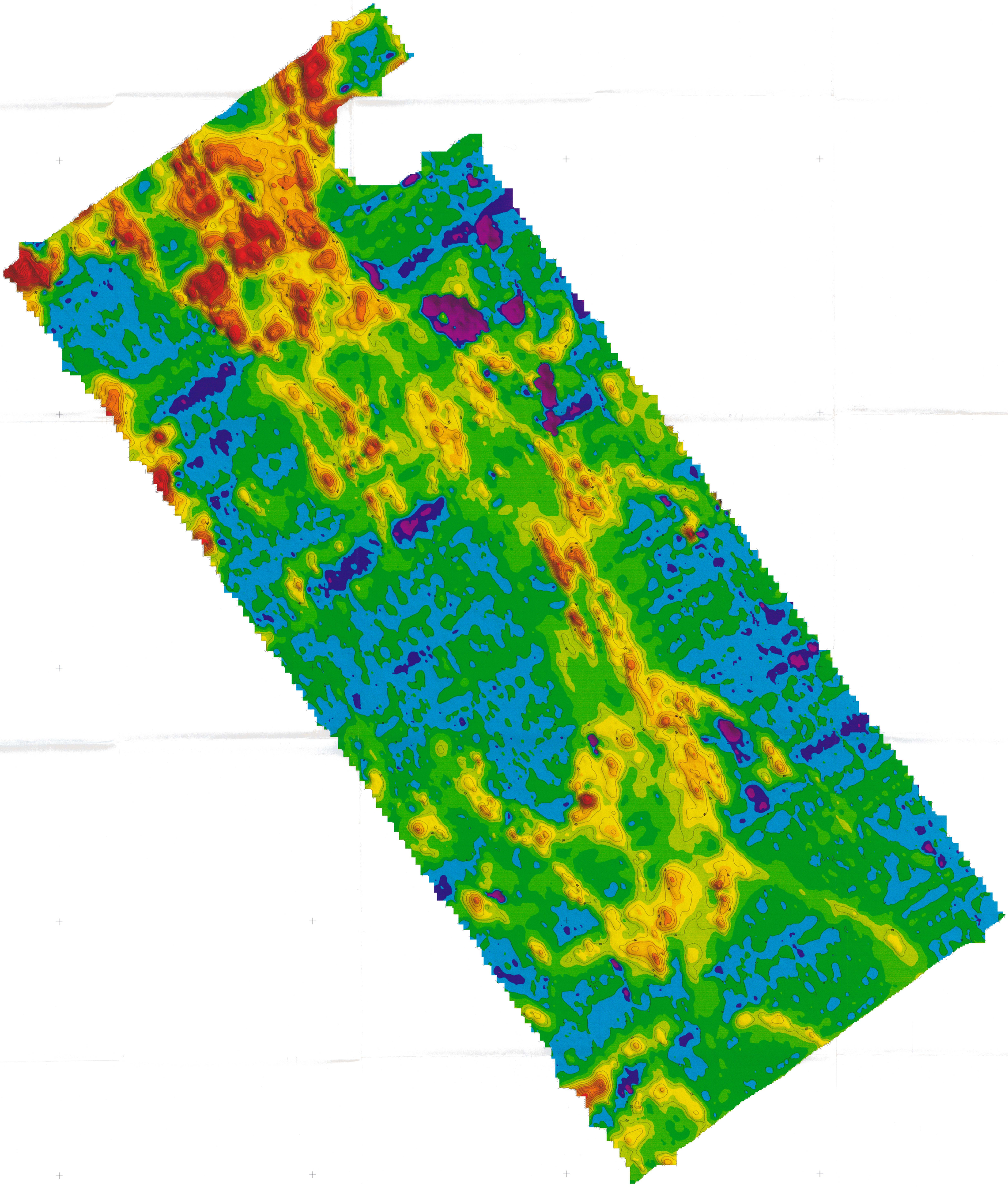
## SURVEY SPECIFICATIONS

Survey Date: May 19-28 / 2000
Operator: Fugro Airborne Surveys
Line Orientation: N55E
Line Spacing: 200m
Sensor Height: 30m
Navigation: GPS
Aircraft: Helicopter
Instrument: Geometrics G822 Cesium Vapor

615000E
620000E
625000E
630000E
6835000N
6830000N
6825000N
6820000N
6815000N

615000E 620000E 625000E 630000E

6835000N 6830000N 6825000N 6820000N 6815000N



615000E 620000E 625000E 630000E

## SURVEY SPECIFICATIONS

Survey Date: May 19-28 / 2000
Operator: Fugro Airborne Surveys
Line Orientation: N55E
Line Spacing: 200m
Sensor Height: 30m
Navigation: GPS
Aircraft: Helicopter
Instrument: DIGHEM V Electromagnetic System

## DATA PROCESSING

Sampled @ 10 samples/sec, Spheric Rejection, Hanning Filter, Minimum Curvature Gridding @ 50m Imaging, and Contouring.

Contour Interval
0 - 100 CI = 10 ppm
100 - 500 CI = 50 ppm

Imaging:

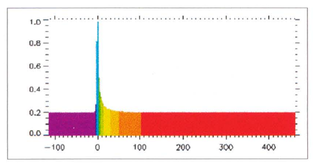
Coloration - Histogram Equalized
Illumination - Northeast @ 45 degrees

## LOCATION INFORMATION

Map Boundaries:

613000 - 634500 mE
6814000 - 6839000 mN

Map Projection: NAD 27 UTM Zone 8N




ppm

N

0 500 1000 1500 M
SCALE 1:25000

0 2000 4000 6000 Ft
SCALE 1:25000

094190

NEWMONT EXPLORATION OF CANADA LIMITED
ROSS RIVER GOLD LIMITED

TAY-LP PROJECT, YUKON TERRITORY, CANADA, PELLY MOUNTAIN RANGE
WATSON LAKE MINING DISTRICT

PLATE 5C

REGIONAL BLOCK
AIRBORNE ELECTROMAGNETIC SURVEY
IN-PHASE COMPONENT: 1000 Hz

October 2000

615000E 620000E 625000E 630000E

6835000N 6830000N 6825000N 6820000N 6815000N

DEEP INTRUSION (?)

ANOMALY GROUP "C"

ANOMALY GROUP "B"

ANOMALY GROUP "A"

FOLD AXIS

DEPTH ESTIMATE 800M

615000E 620000E 625000E 630000E

LOCATION INFORMATION

Map Boundaries:

613000 - 634500 mE
6814000 - 6839000 mN

Map Projection: NAD 27 UTM Zone 8N

INTRUSION

CONDUCTOR AXIS

FAULT

MAGNETITE SKARN

MAGNETIC LINEAR

TARGET

N

0 500 1000 1500 M
SCALE 1:25000

0 2000 4000 6000 Ft
SCALE 1:25000

094190

NEWMONT EXPLORATION OF CANADA LIMITED
ROSS RIVER GOLD LIMITED

TAY-LP PROJECT, YUKON TERRITORY, CANADA, PELLY MOUNTAIN RANGE
WATSON LAKE MINING DISTRICT

PLATE 5D
REGIONAL BLOCK
GEOPHYSICAL INTERPRETATION

October 2000