

1989 SUMMARY REPORT

on the

FILMED

## ANUK PROPERTY

Liard Mining Division British Columbia

North Latitude 57 6' West Longitude 131 31'

NTS 104G/4E, 3W

SUB-RECORDER RECEIVED

APR 1 1 1990

M.R. # ..... \$ .....

VANCOLMER, B.C.

Prepared for

SCHELLEX GOLD CORP. P.O. Box 11604 820 - 650 West Georgia Street Vancouver, B.C. V6B 4N9

Prepared by

COAST MOUNTAIN GEOLOGICAL LTD. P.O. Box 11604 820 - 650 West Georgia Street Vancouver, B.C. V6B 4N9

12 April 1990

William R. Kushner, B.Sc.

GEOLOGICAL BRANCH Geologist ASSESSMENT REPORT

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#### 1.0 INTRODUCTION

The Anuk property is located approximately 90 kilometers southwest of Telegraph Creek in the heart of the Galore Creek Gold Camp. It adjoins Stikine Copper's copper-gold porhyry deposit and was staked in January, 1988, to study the possibility of precious and base metal occurrences in favorable geology consisting of a sedimentary and volcanic unit in contact with an intrusive.

The Stikine Arch is currently undergoing extensive exploration as a result of the mineral discoveries near Stewart, the Iskut River area and the Galore Creek area. One exploration target that has proven very successful is the base metal rich gold vein deposits of the Stewart and Iskut River gold camps. These precious metal deposits are especially attractive in their unusually high Recently discovered examples of this deposit type include Skyline's Stonehouse gold deposit (740,000 tons of 0.52 oz/ton gold), the Cominco-Prime joint venture Snip deposit (1.032 million tons of 0.875 oz/ton gold), the Newhawk-Granduc Sulphurets deposit (0.72 million tons grading 0.431 oz/ton gold and 19.7 oz/ton silver) and the Silbak-Premier property under investigation by Westmin-Pioneer-Camacord (open pit reserves of 5.7 million tons grading 0.065 oz/ton gold and 2.7 oz/ton silver). Mine development is either underway or is anticipated for each of the above deposits. Historically, the Silbak-Premier mine is British Columbia's third largest gold producer with 1.3 million ounces of gold and 32 million ounces of silver produced

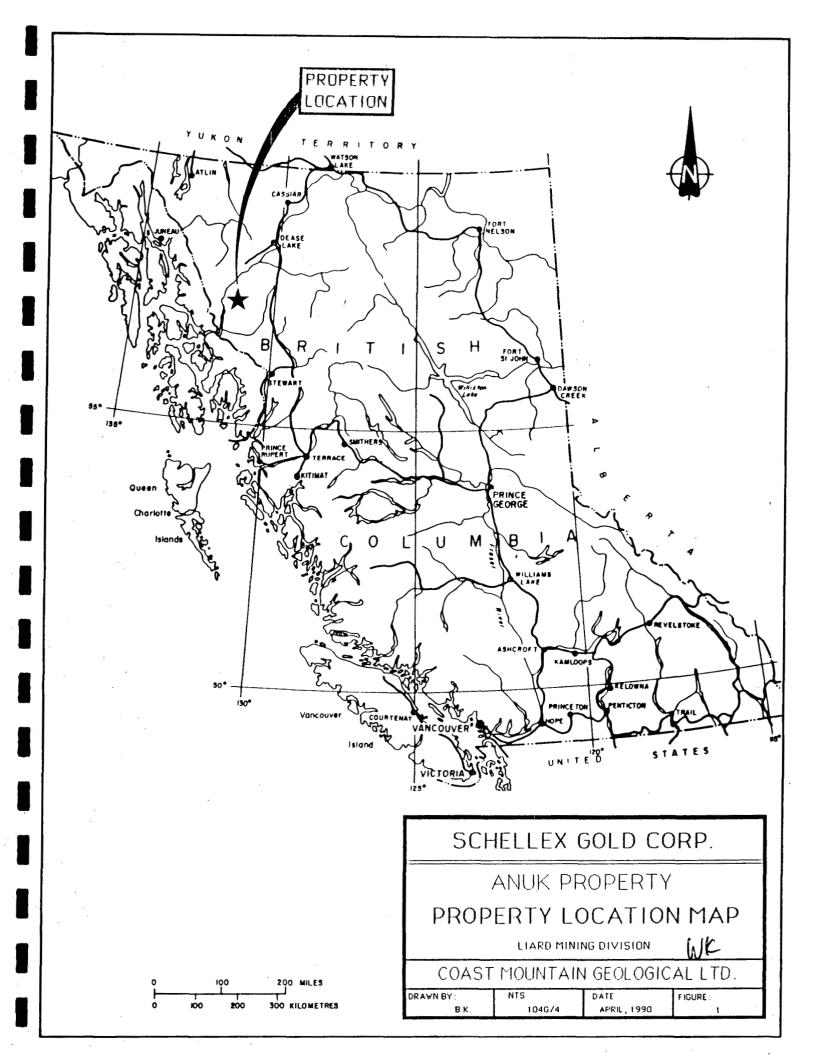
in the period from 1920 to 1936.

Numerous precious and base metal occurrences have been discovered throughout the Galore Creek district recently and historically, including the Paydirt deposit being developed by Consolidated Silver Standard (0.2 million tons grading 0.12 oz/ton gold), and the adjacent Galore Creek deposit from the 1960's copper-porphyry rush (125.0 million tons of 1.06% copper and 0.012 oz/ton gold). Very encouraging results from Bellex Mining Corp.'s Jack Wilson property to the north of the property, Gigi Resources' Trophy project and the adjoining Stikine Copper deposit to the east have sparked increased precious metals exploration in this area of northwestern British Columbia.

This report describes the geology and work program conducted throughout 4 man-days of mapping, prospecting and geochemical sampling of the property on September 23 and October 6, 1989.

#### 2.0 SUMMARY

The Anuk property is comprised of four modified grid system claims totalling 66 units, located approximately 90 kilometers southwest of Telegraph Creek (Figure 1). Property access is possible by helicopter from the Scud River airstrip, which in turn can be reached by regular or charter fixed wing service from Smithers, Telegraph Creek or Dease Lake. Alternately, the property may be reached by riverboat or helicopter from Telegraph



Creek.

The topography of the Anuk property is moderate to extremely rugged with elevations ranging from 525 meters to 2050 meters above sea level. Much of the property is situated above treeline which occurs at approximately 1070 meters in the area. A large portion of the property is also covered by glacier. Vegetation on the property consists mostly of typical alpine vegetation. Below treeline a moderately dense mass of Devils club, alder and huckleberry coexist with spruce and hemlock.

Temperatures range from -30 degrees to +30 degrees centigrade and heavy precipitation is characteristic, especially during the winter months.

The area around the Anuk property has witnessed a flurry of exploration activity in the past. Much of the activity was conducted during the copper porphyry rush in the 1960's. Hudson Bay Exploration and Development Co. Ltd. first discovered the Galore Creek deposit, located a mere two kilometers northeast of the property, in 1955. During the early 1960's, Kennco Explorations Ltd. explored much of the region, concentrating on finding large tonnage copper porphyry deposits. Anuk River Mines conducted exploration and diamond drilling on the Devil's Club claims immediately north of the property in the mid-1960's. A minfile occurance located on the Anuk property lists a copper showing, and the property is flanked by numerous other recorded

occurrances in all directions. A regional aeromagnetic survey conducted by the Geological Survey of Canada reveals the Anuk property is situated on the flank of a major magnetic high.

The Galore Creek area lies on the western margin of the Intermontane Belt within the Stikine Arch near its contact with the Coast Plutonic Complex. Government mapping in the area was first published by F.A. Kerr in 1928 as part of a Summary Report on the Stikine River area and later updated by J.G. Souther in his G.S.C. Paper 71-44. This mapping indicates that the Anuk property is underlain by a suite of upper Triassic volcanics and sediments of the Stuhini Group. This area is flanked to the west by Juro-Cretaceous quartz diorite to granodiorite of the Coast Plutonic Complex. Middle Triassic sediments, with Permian sedimentary and metamorphic rocks, form the northern and eastern limit of the area with Permian limestone being the dominant North trending faults define boundaries between upper and middle Triassic rocks and between Paleozoic and Triassic rocks. Strata is folded into a series of anticlines and synclines with east or northwest trending axes. Younger folds with north-northwest trending axes transect the earlier formed structures. Syenite (orthoclase porphyry) intrusions of Juro-Triassic age disrupt the stratigraphy and structural trends. These intrusions form a series of dykes, sheets and stocks, and are related to the syenite body associated with the Galore Creek copper porphyry deposit. Eccene age quartz monzonite has formed several stocks and is the youngest rock in the area.

A total of four man-days was spent on the Anuk property during the 1989 exploration program. Work performed on the property in 1989 consisted of rock sampling, stream sediment sampling and prospecting. A total of 22 rock samples and 1 stream sediment sample was collected. Eight of the rock samples returned elevated gold, silver, and copper values.

The property is characterized by numerous NW-SE trending shear zones. Mineralization in the area is typically shear hosted with visible gold, bornite, hematite, pyrolusite, pyrrhotite, chalcopyrite and pyrite documented. The region has excellent potential for shear zone hosted Au-Ag-Cu-Pb-Zn mineralization similar to that found in the Iskut River region of northwest British Columbia.

After examining assay results and considering the potential of the property inherant in it's geology, the author recommends a throrough exploration program for the next phase in analysis of the property.

### 3.0 LOCATION AND ACCESS

The Anuk property is located within the Coast Range Mountains of northwestern British Columbia approximately 90 kilometers southwest of Telegraph Creek. It lies within the Liard Mining Division and is centered at 57 degrees 06' north latitude and 131

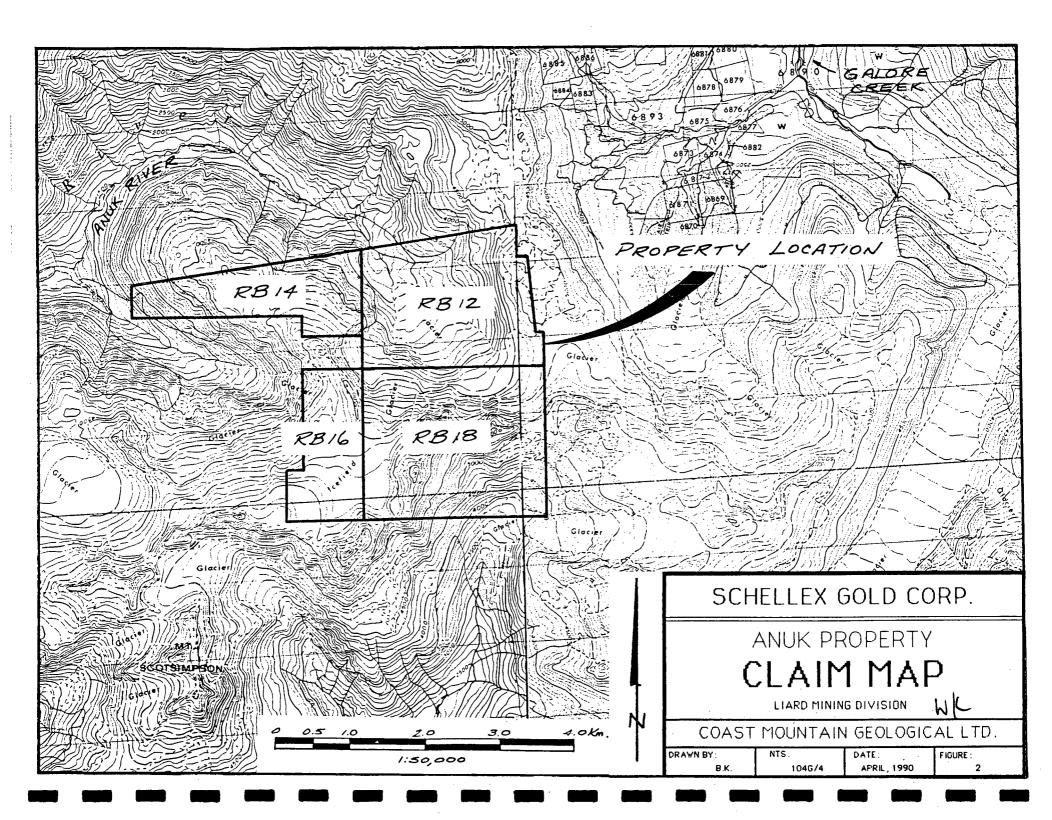
degrees 31' west longitude.

Access to the property is possible via helicopter or river boat from Telegraph Creek. Historically, the Stikine River has been navigated by 100-ton barges as far upstream as Telegraph Creek, thus affording economical transport of equipment, machinery, fuel and other supplies to the Scud River airstrip which is located 25 kilometers northwest of the property. Fixed wing service to the Scud River airstrip can be chartered from Smithers, Telegraph Creek or Dease Lake; regular scheduled flights to the airstrip are available during the field season via Smithers. A helicopter is then used to reach the property from the Scud River airstrip. During the 1989 field season, a helicopter was stationed at the Galore Creek Camp, located approximately 7 kilometers due east of the property.

#### 4.0 LIST OF CLAIMS

The Anuk property, located in the Liard Mining Division of northwestern British Columbia, is comprised of four modified grid system claims (Figure 2). Records of the British Columbia Ministry of Energy, Mines and Petroleum Resources indicate that the following claims are owned by Schellex Gold Corp. of Vancouver, B.C.:

| Claim | Record No. | No. of Units          | Expiry Date |
|-------|------------|-----------------------|-------------|
| RB12  | 5639       | 20                    | 13/01/91    |
| RB14  | 5641       | 18                    | 13/01/91    |
| RB16  | 5643       | 8                     | 13/01/91    |
| RB18  | 5645       | 20                    | 13/01/91    |
|       |            | Total $\overline{66}$ |             |



The exact location of the claim post has not been verified by the author.

#### 5.0 PHYSIOGRAPHY AND CLIMATE

The Anuk property is located within the drainage basin of the Stikine River on a southern drainage of Anuk River. Topography is moderate to extreme, typical of glaciated mountainous terrain, with elevations ranging from 525 meters to 2050 meters above sea level.

Low lying areas near the creek are covered with a dense growth of alder and devils club. The slopes above this are covered with shrubs and stunted spruce, with a few areas well timbered in spruce. Much of the property is above treeline, which occurs at 1070 meters, and exhibits typical alpine vegetation. A large proportion of the property is also covered by glacier.

The claims are situated at the boundary between the wet belt and the gradational belt. In this area temperatures range from -30 degrees to +30 degrees centigrade and about 300 centimeters of precipitation is recorded per year, mostly in the form of snow.

#### 6.0 PROPERTY HISTORY

#### 6.1 PREVIOUS WORK

Historically, the first gold in the Stewart area is said to have

been discovered by prospectors en-route to the Klondike in the late 1890's. The Stewart area does not host any significant placer deposits, but mineralized float led to the discovery of a number of gold deposits. The Silbak-Premier mine, ten kilometers north of Stewart, was developed into British Columbia's third largest gold deposit. Production yielded over 1.3 million ounces of gold and 32 million ounces of silver from 1920 to 1936. The Silbak-Premier property is currently being redeveloped by a Westmin-Pioneer-Canacord joint venture.

The first recorded mineral exploration in the Telegraph Creek - Stikine River region was undertaken in 1861 when placer gold was discovered on the Stikine River just below the townsite of Telegraph Creek. During the 1920's to the 1940's, the emphasis had shifted from placer exploration to exploration for lode deposits. Early exploration was confined to accessible areas along the Stikine River, with a number of small copper occurrences being discovered.

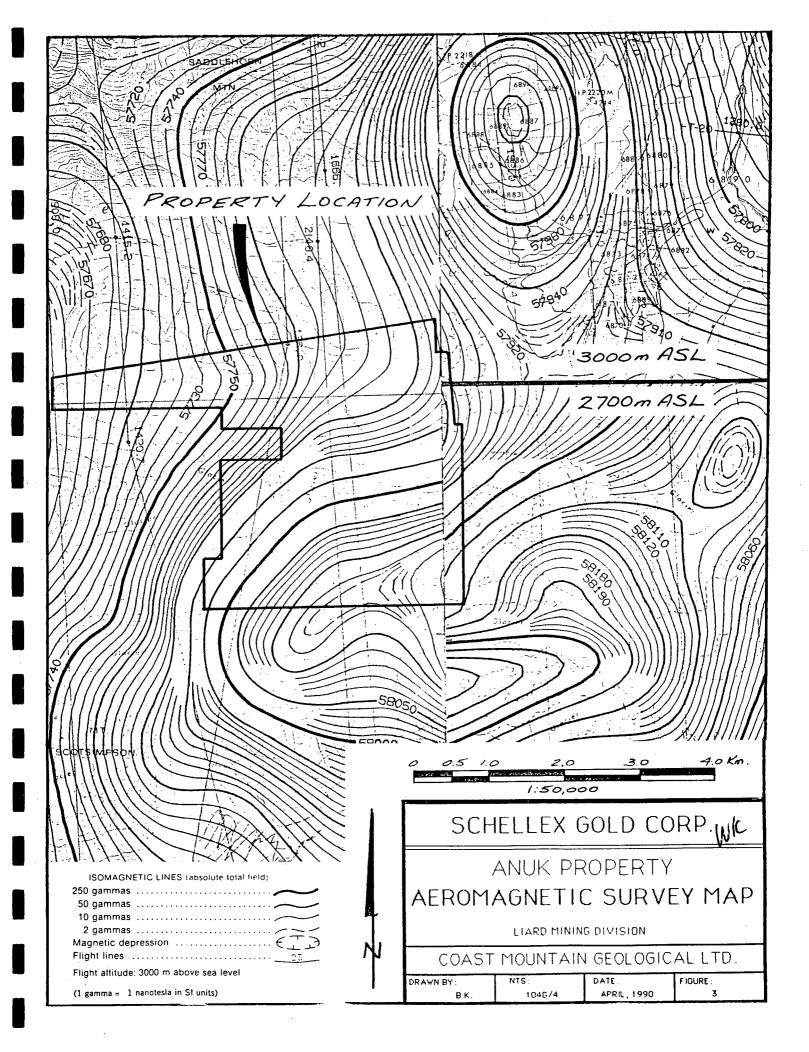
The Galore Creek copper porhyry deposit, located only two kilometers northeast of the Anuk property, was first discovered in 1955 by Hudson Bay Exploration and Development Company Limited. It was later explored jointly by Hudson Bay, Kennco and Consolidated Mining and Smelting (Cominco) under a new company, Stikine Copper Limited. Exploration activity around the Galore Creek area was conducted during the early 1960's by Kennco Explorations Limited. Their search was directed towards finding

large tonnage porphyry copper deposits similar to the Galore Creek deposit. Although never brought into production, mineral reserves for the Central Zone deposit stand at 137,500,000 tons grading 1.06% copper with 0.25 ounces silver/ton and 0.013 ounces gold/ton (1.8 million ounces contained gold).

Anuk River Mines worked the Devils Club showings on Saddle Mountain immediately north of the Anuk property (Minfile 104G-60) in the middle to late 1960's. The Devils Club claims are located in a granodiorite intrusive into tuff and andesite.

Mineralization consists mainly of pyrite with minor chalcopyrite and bornite occurrences. Assays from five channel samples in a trench taken in 1964 from a mineralized section 27 feet wide report up to .02 oz/ton gold, up to 2.80 oz/ton silver and up to 3.57% copper (BCDM Ann. Report, 1967, p.29). In 1967, 120 man-days were spent on the Devils Club claims. A detailed topographic map was produced, surface workings were surveyed, and geological mapping was conducted. As well, 694 feet of diamond drilling was labourously extracted using backpack drills. No further information is available from the Anuk River Mines programs as the information obtained was not recorded.

The Geological Survey of Canada conducted a regional aeromagnetic survey of the Telegraph Creek map area (Figure 3). Their findings indicate the Anuk property is situated on the flank of a major magnetic high; the same high associated with the Galore Creek deposit. The author was unable to locate records of any other



work performed on the Anuk property.

## 6.2 1989 WORK PROGRAM

Four man days were spent prospecting, sampling and mapping the property on September 23 and October 6, 1989. A total of 37 rock samples and 1 stream sediment sample were collected and sent to Acme Laboratories Limited in Vancouver for analysis. The stream sediment sample was taken from an active part of a major drainage. At the laboratory it was dried, sieved to minus 80 mesh and analyzed geochemically for 32 elements by ICP and for gold by atomic absorption. Rock samples were taken from mineralized quartz veins and from zones of alteration and mineralization. The rock samples were pulverized in the lab and screened to minus 100 mesh, then analyzed for 32 elements by ICP and for gold by atomic absorption. Six rock samples were fire assayed for gold, silver and copper.

Rock descriptions are attached in Appendix C and analytical certificates form Appendix D.

## 7.0 REGIONAL GEOLOGY

The first reconnaissance geological mapping in the Telegraph Creek map area was undertaken by Forrest A. Kerr (1948) of the Geological Survey of Canada, who mapped the mountains adjacent to the Stikine and Iskut rivers in the years 1924 to 1929. In 1956

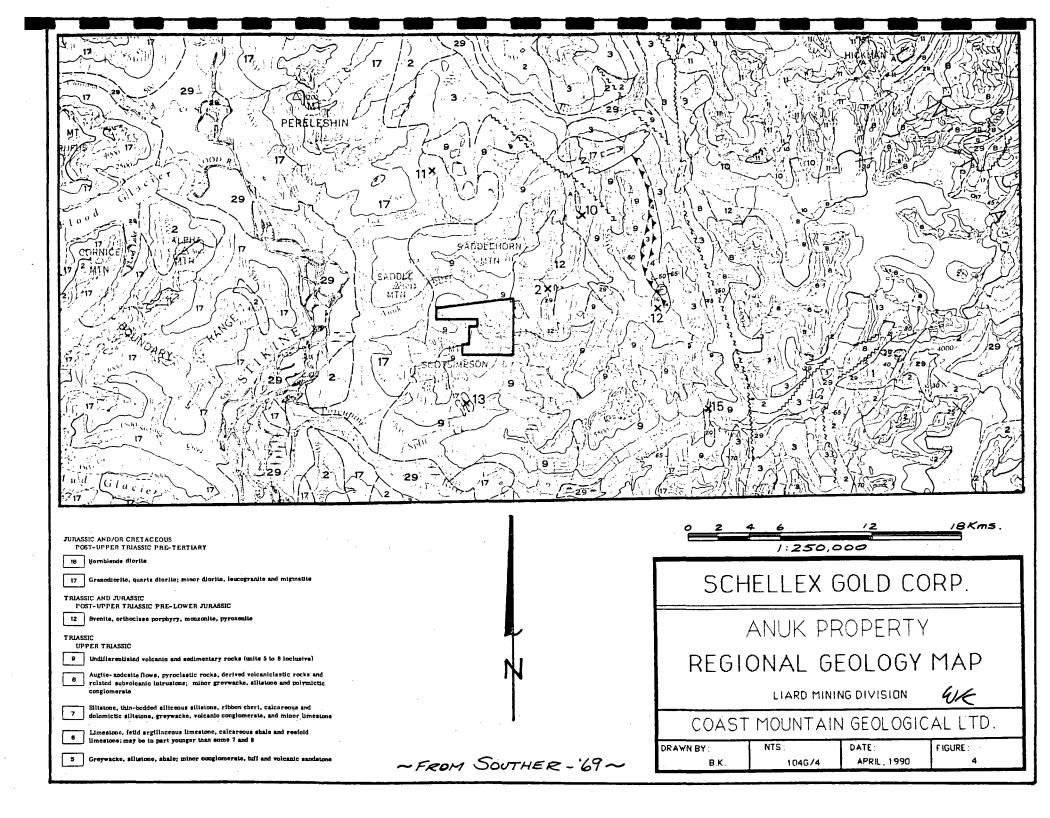
the Geological Survey of Canada carried out "Operation Stikine" which included a helicopter reconnaissance of the Telegraph Creek map area. This initial work, combined with geological mapping conducted by J.G. Souther, led to the publication of a 1:250,000 scale geologic map of the Telegraph Creek map sheet (Souther, 1971).

The Galore Creek area lies on the western margin of the Intermontane Belt within the Stikine Arch near its contact with the Coast Plutonic Complex (Figure 4). The Arch is a lobe of crystalline and metamorphic rocks that remained relatively positive throughout much of Mesozoic time and exerted a profound influence on Mesozoic sedimentation and structure around its margins. A sequence of Paleozoic to middle Triassic oceanic sediments is unconformably overlain by upper Triassic Hazelton Group island arc volcanics and sediments. These have been intruded by upper Triassic to lower Jurassic syenitic stocks and by Jurassic to lower Cretaceous quartz diorite and granodiorite plutons of the Coast Plutonic Complex.

The oldest rock assemblage in the Galore Creek area consists of Permian bioclastic limestone (Unit 3) overlying metamorphosed sediments and volcanics (Unit 2) and crinoidal limestone (Unit 1).

Unconformably overlying the Permian limestone unit are upper

Triassic Hazelton Group island are volcanics and sediments (Units



5 through 8). In the Galore Creek area, Souther (1971) grouped these volcanic and sedimentary members in Unit 9, noting however that it was composed predominantly of augite andesite breccia, conglomerate and volcanic sandstone.

Subvolcanic syenite and orthoclase porphyry stocks (Unit 12), dated as late Triassic to early Jurassic by Souther (1971), intrude older stratified rocks, and Jurassic and Cretaceous granodiorite to quartz diorite batholiths (Unit 17) of the Coast Plutonic Complex intrude all older lithologies.

Souther shows almost the entire Anuk property to be underlain by upper Triassic undifferentiated volcanic and sedimentary rocks (Unit 9) in contact to the west with a Jurassic and/or Cretaceous granodiorite and quartz diorite (Unit 17). The northeast edge of the property is shown to be intruded by the Galore Creek syenite body (Unit 12). Updated government mapping in the area by Logan, Koyanagi and Rhys (1989) also show the property to be underlain by upper Triassic undifferentiated volcanic and sedimentary rocks intruded by a Tertiary biotite quartz monzonite to the east.

## 8.0 PROPERTY GEOLOGY AND GEOCHEMISTRY

#### 8.1 GEOLOGY

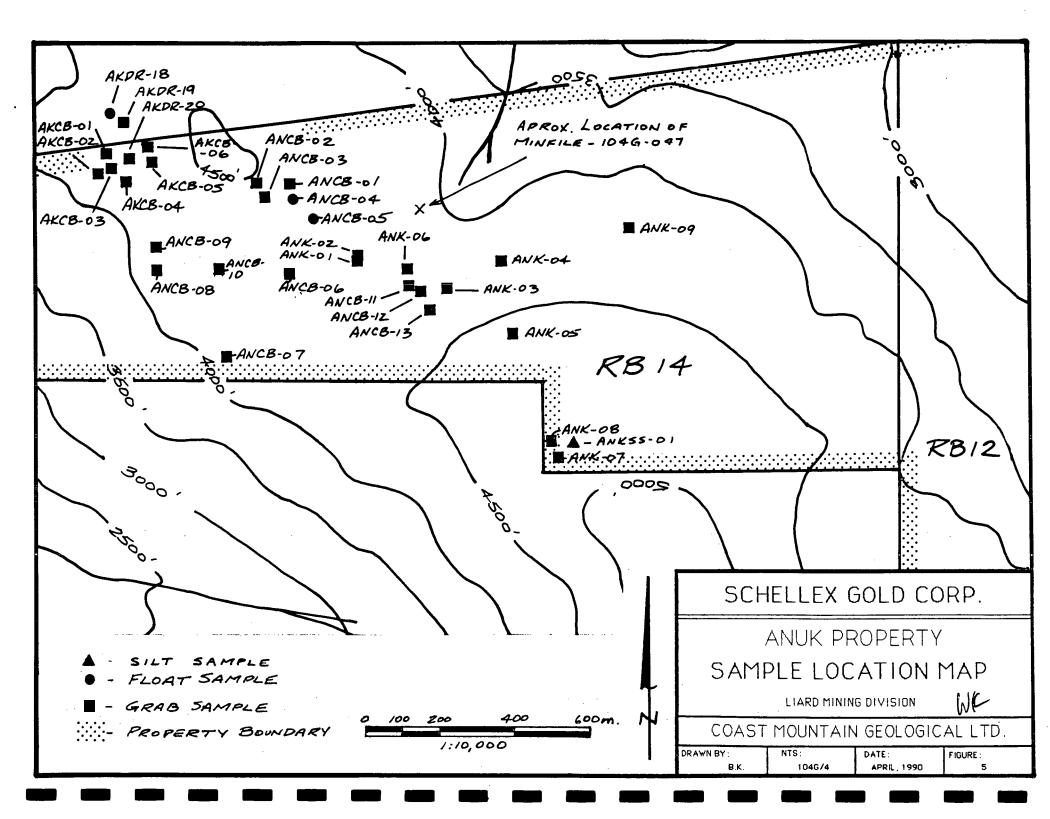
The area covered in the 1989 exploration program is composed of a suite of Stuhini Group volcanics. A wide range of rocks were noted, but the geology observed consisted mainly of fine

grained andesitic and trachytic flows, volcanic breccias, conglomerates and tuffs, as well as shaly meta-sedimentary layers and sandstones of andesitic origin.

Mineralization examined on the property is mainly shear hosted or vein type. Quartz veins up to 5 cm wide contain massive bornite, visible gold, pyrite, chalcopyrite and pyrolusite. Other quartz veins and quartz-carbonate veins contain hematite, pyrite, chalcopyrite, pyrrhotite and pyrolusite. Moderate to intense malachite staining and gossanous areas are common throughout the property, and hematite is somewhat pervasive as well.

The property is transected by numerous steeply dipping shear zones up to 4 meters wide. The shears zones strike at between 120-150 degrees (with most varying from 120-125 degrees), and dips are usually close to 80 degrees SW. The shear zones are associated with quartz and quartz-carbonite veining. These veins are host to most of the mineralization in the shear zones, and malachite staining is common throughout much of the shear as well.

A minfile occurrence (047, Figure 5) located on the property occurs in the area examined, but no obvious sign of it's exact location was observed. It is recorded as existing in Stuhini Group volcanics, and is a copper-gold-silver showing. Samples taken in the vicinity of the showing returned extremely anomalous results in these metals, and also contained visible gold.



#### 8.2 GEOCHEMISTRY

Eight rock samples of the 37 obtained from the property contained elevated values in gold, copper and/or silver (Figure 5). Six of these samples were fire assayed for copper, gold and silver. Sample ANCB-13, a grab over .5 meters of a quartz vein with massive bornite, visible gold and malachite staining, assayed .509 oz/t Au, 2.96 oz/t Ag and 15.54% Cu. ANCB-12, a grab sample from a different vein ten meters away with similar mineralization, assayed .029 oz/t Au, 4.26 oz/t Ag and 16.71% copper. Sample AKDR-19, a grab sample of another quartz vein with pyrite banding contained .295 oz/t Au.

#### 9.0 DISCUSSION

Although the Galore Creek area was explored for copper during the early 1960's, very little effort was expended searching for gold. The area has remained dormant since that time, in the same manner as the Iskut River Gold Camp before Skyline drilled the discovery holes in 1982 that led to the Stonehouse Gold deposit. The Galore Creek gold camp has gained prominence recently with the disovery of precious metal mineralization in the area. Gigi Resources - Contintental Gold Corp.'s Trophy gold project contains 0.15 oz/ton gold equivalent over 185 feet of trench. Stikine Copper Ltd. has reserves of 125 million tons grading 1.06% copper and 0.012 oz/ton gold and Bellex Mining Corp.'s Jack Wilson property reports assays up to 4.38 oz/ton gold on their property.

The region covered by Schellex Gold Corp's Anuk Property has excellent potential for shear zone hosted gold-silver mineralization similar to mineralization found in the Iskut River region of northwest B.C.

The high values of copper, gold and silver in the assay results, the presence of visible gold, the sheared nature of the property and the property's extreme proximity to the syenite intrusion responsible for the massive deposit at Galore Creek, all suggest the Anuk property is a viable option for hosting an economic deposit. A detailed exploration program is needed to evaluate the property, and is suggested as the next phase in exploration of the property.

### 10.0 RECOMMENDATIONS

A more detailed program is required to assess and evaluate the economic potential of the Anuk property. The following program is recommended for the next phase in development of the property:

- (1) the property should be mapped in detail,
- the major drainages should be stream sediment sampled, and a reconnaissance soil geochemical survey should be conducted over the property, and
- (3) the property should by prospected and rock samples should be obtained from zones of alteration and mineralization.

Respectfully submitted,

William R. Kushner

Coast Mountain Geological Ltd.

APPENDIX A STATEMENT OF QUALIFICATIONS

## STATEMENT OF QUALIFICATIONS

I, WILLIAM R. KUSHNER, of 1942 East 2nd Avenue, Vancouver, in the Province of British Columbia, DO HEREBY CERTIFY:

- 1. THAT I am a Geologist in the employment of Coast Mountain Geological Ltd. with offices at Suite 820, 650 West Georgia Street, Vancouver, British Columbia.
- 2 THAT I am a graduate from the University of Alberta with a Bachelor of Science degree in Geology (1987).
- THAT my primary employment since graduation has been in the field of mineral exploration.
- 4. THAT this report is based on fieldwork conducted by Coast Mountain Geological Ltd. on the Anuk property on September 23 and October 6, 1989, government publications and reports filed with the Government of British Columbia.
- THAT I did work on the subject property on September 23,
   1989.
- 6. THAT I do not own or expect to receive any interest in the property described herein, nor in any securities of any company rendered in the preparation of this report.

DATED at Vancouver, British Columbia, this 12th day of April, 1990.

William R. Kushner, B.Sc.

Geologist

APPENDIX B

STATEMENT OF EXPENDITURES

## STATEMENT OF EXPENDITURES

| Mob/Demob<br>Personnel: |                       | \$1,675.60           |
|-------------------------|-----------------------|----------------------|
| Project Geologist       | W. Kushner            | 300.00               |
| Troject desiogram       | C. Basil              | 450.00               |
|                         | D. Ridley             | 225.00               |
| Camp                    | 4 mandays @ \$130/day | 520.00               |
| Communications          | 4 @ \$15/day          | 60.00                |
| Equipment Rental & Expe | endibles              | 295.12               |
| Preparation             |                       | 350.00               |
|                         | samples @ \$13.75     | 508.75               |
|                         | samples @ \$11.60     | 11.60                |
| 6 fire a                | assay                 | 94.50                |
| Helicopter              | 0.9 hrs @ \$767.80    | $\underline{691.02}$ |
| SUBTOTAL                |                       | \$5,181.59           |
| 12% Management Fee      |                       | <u>621.79</u>        |
|                         |                       | 5,803.38             |
| Report                  |                       | 1,000.00             |
| TOTAL                   |                       | \$6,803.38           |
|                         |                       | ========             |

APPENDIX C

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  Mineral Occurrences of the Galore Creek Area. Ministry of
  Energy, Mines and Petroleum Resources, Open File 1989-8.
- Souther, J.G., 1971. Telegraph Creek Map area. Geological Survey of Canada Paper 71-44, Map 11, 1971.

APPENDIX D

ROCK SAMPLE DESCRIPTIONS

|               | AL LTD. N CONSULTANTS B |                | _                       | Project<br>Property                      | Shel<br>Anu            | lex<br>K            | Loca                    | ation R<br>Photo N | ef<br>ló | •    |         |     |
|---------------|-------------------------|----------------|-------------------------|--|------------------------|---------------------|-------------------------|--------------------|----------|------|---------|-----|
|               |                         |                |                         |  |                        |                     |                         | ·                  |          |      |         |     |
| SAMPLE<br>NO. | LOCATION                | SAMPLE<br>TYPE | Semple Width True Width |  | DESCRIPTION Alteration | N<br>Mineralization | ADDITIONAL OBSERVATIONS | Cu                 | Au       | ASS  | Ph      | 70  |
| Kol           |                         | G              | 5                       | Diorita                                  | limonitic              | Py                  |                         | 64                 |          | 0.2  |         | 53  |
| K02           |                         | G              | .5                      | Quartz                                   |                        | Ry Cay Mal          |                         | 1910               | 2        | 0.8  | 5       | 53  |
| k03.          |                         | G              | .5                      | Andosita                                 | ·                      | Py, Cpy, Herra      | ta                      | 156                | 9        | 0.1  | 8       | 84  |
| K04           |                         | G.             | .5                      | Volcanic                                 | sericite               |                     | Gouge                   | 250                | 30       | 0.3  | 5       | 58  |
| 405           |                         | 4              | 5                       | Volcanic                                 | servite                | Py                  | Gaye.                   | 213                | 9        | 0.3  | 6       | 56  |
| <06           |                         | G              | .5                      | Quantz                                   | limantic               | Hem Pyrolysite      | Fault.                  | 18                 | 5        | 0.2  | 4       | 51  |
| K07           |                         | 4              | 1.5                     | Quant 3                                  |                        | R Car Born          |                         | 13,936             | 89       | 11.4 | 5       | 111 |
| KO8           |                         | 4              | .5                      | Fire grained<br>makic<br>Felsic Volcaniz |                        | R. Cay Boin M       |                         | 5102               | 990      | 4.5  | 5       | 84  |
| Kog           |                         | G              | .5                      | Felsic Volcaniz                          | Etreme                 |                     |                         | 207                | 22       | 0.2  | 5       | 85  |
|               | ·                       |                |                         |  | limonic                |                     |                         |                    |          |      |         |     |
|               |                         |                |                         |  | A55                    | SAYS                | <u> </u>                |                    |          |      |         |     |
| •             |                         |                |                         |  |                        |                     |                         | %                  | 02/      | 02/  |         |     |
| 07            |                         |                |                         |  |                        |                     |                         | 1,37               | _        | _    |         |     |
| -08           |                         |                |                         |  |                        |                     |                         | 0.5                | -        | .003 |         |     |
|               |                         |                |                         |  |                        |                     |                         |                    |          |      |         |     |
|               |                         |                |                         |  |                        |                     |                         |                    |          |      | <u></u> |     |
|               |                         |                |                         |  | ·                      |                     |                         |                    |          |      |         |     |
|               |                         |                |                         |  |                        |                     |                         |                    |          |      |         |     |

-

| GEOLOGICAL LTD. | Geochemical Data Sheet - ROCK SAMPLING | NTS          |
|-----------------|--|--------------|
| SamplerCB       | Project ScHEUEX                        | Location Ref |
| Date            | Property ANUK                          | Air Photo No |

| SAMPLE  |          | SAMPLE | Sample              |                                | DESCRIPTION | N                   |                         |          |      | ASS   | AYS |     |
|---------|----------|--------|---------------------|--------------------------------|-------------|---------------------|-------------------------|----------|------|-------|-----|-----|
| NO.     | LOCATION | TYPE   | Width True<br>Width | Rock Type                      | Alteration  | Mineralization      | ADDITIONAL OBSERVATIONS | Cu       | Au   | Aq    | Pb  | Zn  |
| BOI     |          | G      | .5M                 | Sedimentary                    | sericite    | Printe              | 3m wide gossan          | 64       | 76   | 1.7   | 9   | 25  |
| B02     |          | G      | .5                  | Fekic Volconi                  |             | Malaghite<br>Pyrite | Shear zone              | 11296    | 258  | ١.م)  | 6   | 81  |
| B03     |          | 9      | .5                  | Quartz                         |             | Py                  | Suall quantz yein       | 113      | 11   | .1    | 3   | 32  |
| B04     |          | F      |                     | Felsic<br>Tuff?                |             | R                   | <u> </u>                | 132      | 17   | .8    | 25  | 43  |
| 805     |          | F      |                     | Quartz                         |             | Cpy.P.,Mal          |                         | 1711     | 9    | 1.8   | 8   | 75  |
| B06     |          | G      | .5                  | Fine grained<br>felic volcanic |             | Cpy, Mol. R. B      | Contains I cm atz veins | 213      | 570  | .4    | 3   | 11  |
| B07     | ·        | G      | .5                  | Andreito                       | Gossan -    | R,                  | V                       | 96       | 20   | , 3   | 9   | 107 |
| BOE     |          | G      | .5                  | Gossan                         | Extreme     | /                   | In fault                | 149      | 28   | ,4    | 9   | 62  |
| B09     |          | G      | .5                  | Gossan                         | Extrene     |                     |                         | 101      | 7    | .2    | فا  | 56  |
| B10     |          | G      | .5                  | Andesite                       |             | Py                  |                         | 60       | 43   | .3    | 8   | 34  |
| BII     |          | G      | .5                  | Massive<br>Sulfide             |             | R. Mal. Cay         |                         | 2365     | 530  | 4.2   | 6   | 81  |
| B12     | ·        | 4      | .15                 | Mossile was                    | 2           | Boxnite, Mal        |                         | 99999    | 1710 | 133.6 | 34  | 225 |
| B13     |          | G      |                     | Quartz                         |             | Bornito Mal.        |                         | 99999    | 1250 | 95.1  | 45  | 218 |
|         |          |        |                     |                                |             |                     |                         |          |      |       |     |     |
|         |          |        |                     | ASS                            | SAY         | 5 -                 |                         | <b>%</b> | 02/  | 02/1  | %   | %   |
| TNCB-02 |          | G      |                     |                                |             |                     |                         | 1.07     | 009  |       | =   |     |
| NCB-12  |          | G      |                     |                                |             | ·                   |                         |          |      | 4.26  |     | _   |
| VCB-13  |          | 9      |                     |                                |             |                     |                         | 15.54    | ,509 | 2.96  | _   | -   |
|         |          |        |                     |                                |             |                     |                         |          |      |       |     |     |
|         |          |        |                     |                                |             |                     |                         |          |      |       |     | 1 1 |

| COAST  |  |
|--------|--|
| UN THE |  |

# Geochemical Data Sheet - ROCK SAMPLING

| MERAL EXPLOR | ICAL LTD. |       |
|--------------|-----------|-------|
| Sampler      | CHRIS     | BASIL |
| Date         |           |       |

| Project _ | ANUK - SCHELLEX |
|-----------|-----------------|
| •         | RB-12           |

| NTS          | 1046/4 |  |
|--------------|--------|--|
| Location Ref |        |  |
| Air Photo No | 1      |  |

| SAME 5        |          | SAMPLE | Sample              |           |            |                |                         |      |     |     |    |    |  |
|---------------|----------|--------|---------------------|-----------|------------|----------------|-------------------------|------|-----|-----|----|----|--|
| SAMPLE<br>NO. | LOCATION | TYPE   | Width True<br>Width | Rock Type | Alteration | Mineralization | ADDITIONAL OBSERVATIONS | Cu   | Au  | Aa  | Pb | Zn |  |
| AKCB-01       | RB-12    | G      | .5m                 | Volc.     | Py         | Py             | Gossanous               |      |     |     |    |    |  |
| AKCB-02       | /1       | G      | .2m                 |           |            | 1 1 1          |                         | 814Z | 43  | 5.7 | 5  | 51 |  |
| AKCB-03       | и .      | G      | ·2m                 | 1         |            | Py. Coy        |                         | 1566 | 840 | 1.1 | 12 | 17 |  |
| AKCB-04       | /1       | G.     | ·1m                 |           |            | Py             | 20°/80°5                | 81Z  | 1   | 0.6 | 4  | 12 |  |
| AKCB-05       | * 1      | G      | .1m                 | 1         |            | Py             | 335° /80° S             | 217  | 154 | 0.3 | 3  | 11 |  |
| AKCB-06       | 10       | G      | .15m                | 1 .       |            |                |                         | 405  | 5   | 0.4 | 4  | 89 |  |
|               |          |        |                     |           |            |                |                         |      |     |     |    |    |  |
|               |          |        |                     |           |            |                |                         |      |     |     |    |    |  |
|               |          |        |                     |           |            |                |                         |      |     |     |    |    |  |
|               | ·        |        |                     |           |            |                |                         |      |     |     |    |    |  |
|               |          |        |                     |           |            |                |                         |      |     |     |    |    |  |
| ·.            |          |        |                     |           |            |                |                         |      |     |     |    |    |  |
|               | _        |        |                     |           |            |                |                         |      |     |     |    |    |  |
|               |          |        |                     |           |            |                | ·                       |      |     |     |    |    |  |
|               |          |        |                     |           |            |                |                         |      |     |     |    |    |  |
|               |          |        |                     |           |            |                |                         |      |     |     |    |    |  |
|               |          |        |                     | ·         |            |                |                         |      |     |     |    |    |  |
|               | ·        |        |                     |           |            |                |                         |      |     |     |    |    |  |
|               |          |        |                     |           |            |                |                         |      |     |     |    |    |  |
|               |          |        |                     |           |            |                |                         |      |     |     |    |    |  |

| mpler _       | AL LTD.  | PR             | <del>-</del>        | Project<br>Property | Schell      | ex             | · · · · · · · · · · · · · · · · | Location F<br>Air Photo |      | •        | ,   |    |
|---------------|----------|----------------|---------------------|---------------------|-------------|----------------|---------------------------------|-------------------------|------|----------|-----|----|
|               |          |                | Semple              |                     | DESCRIPTION | N              | -                               |                         |      | ASS      | AYS |    |
| SAMPLE<br>NO. | LOCATION | SAMPLE<br>TYPE | Width True<br>Width |                     | Alteration  | Mineralization | ADDITIONAL OBSERVAT             | Cu                      | Au   | Ag       | Pb  | Zn |
| R18           |          | F              | .5%                 | Quartz              |             | PY             | Rasample 5] 447135              | 3 214                   | 390  | .3       | 2   | 16 |
| R19           |          | G              | 1-1-                | Quartz              |             | Py banding     | Resample 5] 447139(?).          | 318                     | 9490 | 1.3      | 4   | 15 |
| 220           |          | 4              | 1.5m                | Greenvolenie        |             | PY             |                                 | 140                     | 49   | , 2      | 5   | 64 |
|               |          |                |                     |                     |             |                |                                 |                         |      |          |     |    |
|               |          |                |                     |                     |             |                |                                 | 1                       |      | ·        |     |    |
|               |          |                |                     | 14                  | SAY         |                |                                 | %                       | 02/  | 02/<br>T | 0/6 | %  |

G

AKDR-19

295 \_

APPENDIX E
CERTIFICATE OF ANALYSIS

ACME ANALYTICAL LABORATORIES LTD. DATE RECEIVED: NOV 29 1989 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6
PHONE(604)253-3158 FAX(604)253-1716 DATE REPORT MAILED:

# **ASSAY CERTIFICATE**

AG\*\* AND AU\*\* BY FIRE ASSAY FROM 1/2 A.T.
7 SAMPLE TYPE: ROCK PULP

SIGNED BY .... D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

COAST MOUNTAIN GEOLOGICAL FILE # 89-4278R3

| SAMPLE# | Cu    | Ag** | Au**  |
|---------|-------|------|-------|
|         | *     | OZ/T | OZ/T  |
| ANCB-02 | 1.07  |      | .009  |
| ANCB-12 | 16.71 | 4.26 | .029  |
| ANCB-13 | 15.54 | 2.96 | .509  |
| "ANK-07 | 1.37  | -    | -1    |
| ANK-08  | .50   | _    | .003  |
| ,       |       |      | ł     |
| AKDR-19 |       |      | .295  |
| DKW-04  | .80   | .23  | -     |
| OKF-07  | .23   | .97  | .032  |
| JWDR-13 | 1.82  | .87  | .187  |
| JWDR-15 | 4.78  | 4.39 | 3.898 |

## GEOCHEMICAL ANALYSIS CERTIFICATE

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HN03-H20 AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER. THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM. - SAMPLE TYPE: ROCK AU\* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

|        |           |           |             |           |                            | Coa       | st        | Mountain Geological Ltd. |         |           |            |           |           |           |              |           | File # 89-4278 |          |         |         |           |           | Page    | 1         |         |          |         |         |         |                  |                |
|--------|-----------|-----------|-------------|-----------|----------------------------|-----------|-----------|--------------------------|---------|-----------|------------|-----------|-----------|-----------|--------------|-----------|----------------|----------|---------|---------|-----------|-----------|---------|-----------|---------|----------|---------|---------|---------|------------------|----------------|
| IPLE#  | Mo<br>PPM | Cu<br>PPM | Pb<br>PPM   | Zn<br>PPM | Ag<br>PPM                  | Ni<br>PPM | Co<br>PPM | Mn<br>PPM                | Fe<br>% | As<br>PPM | U<br>PPM   | Au<br>PPM | Th<br>PPM | Sr<br>PPM | Cd<br>PPM    | Sb<br>PPM | Bi<br>PPM      | V<br>PPM | Ca<br>% | P<br>%  | La<br>PPM | Cr<br>PPM | Mg<br>% | Ba<br>PPM | Ti<br>% | B<br>PPM | Al<br>% | Na<br>% | K<br>%  | ₩<br>PPM         | Au*<br>PPB     |
| :B-01  | 3         | 64        | 9           | 25        | 1.7                        | 16        | 22        | 163                      | 8.80    | 9         | 5          | ND        | 1         | 37        | 1            | 2         | 2              | 53       | .48     | .145    | 2         | 16        | .57     | 23        | .16     | 6        | 1.09    | .01     | .33     | <b>1</b>         | · 76           |
| :B-02  | 1         | 11296     | : 6         | 81        | 6.1                        | 8         | 20        | 719                      | 3.70    | 9         | 5          | ND        | 1         | 218       | 2            | 3         | 3              | 122      | 1.72    |         | 9         | 22        | 1.37    | 92        | .10     | 3        | 1.76    | .02     | .17     | 1                | 258            |
| :B-03  | 3         | 113       | 3           | 32        | .1                         | 11        | 9         | 577                      | 1.66    | 3         |            | ND        | 1         | 10        | 1            | 2         | 2              | 33       |         | .013    | 2         | 13        | .78     | 12        | .02     | 5        | .74     | .01     | .03     | 11               | 11             |
| :B-04  | 2         | 132       | 25          | 43        | .8                         | 12        | 14        |                          | 10.31   | 16        | 5          | ND        | i         | 72        | 1            | 4         | 13             | 165      |         | .195    | 7         | 43        | 1.98    | 18        | .17     | -        | 1.40    | .03     |         | - 889 <b>1</b> - | 17             |
|        | 2         | 1711      | <u>کا</u> 8 | 75        | 1.8                        | 13        | 17        |                          | 3.97    | 5         | · 6        | ND        | i         | 46        | 1            | 2         | 8              |          |         |         | 7         |           |         | 23        | .04     |          | 1.55    |         |         |                  | ΄,             |
| :B-05  | 2         | 1711      | ٥           | 75        | 1.0                        | 13        | 17        | 004                      | 3.91    |           | ,          | NU        | ì         | 40        |              | 2         | 0              | 90       | 1.24    | .044    | 2         | 16        | 1.57    | 23        | .04     | 3        | 1.33    | .01     | .07     | 1                | y              |
| :8-06  | 1         | 213       | 3           | 11        | .4                         | 5         | 10        | 171                      | 2.55    | 8         | 5          | ND        | 1         | 4         | 1            | 2         | 2              | 17       |         | .013    | 2         | 42.       | .26     | 9         | .01     | 2        | .28     | .01     | .02     | 3                | 570            |
| :B-07  | 1         | 96        | 9           | 107       | .3                         | 5         | 12        | 854                      | 7.80    | 10        | 5          | ND        | 1         | 36        | 1            | 3         | 2              | 139      | .56     | .206    | 5         | 15        | 3.17    | 39        | .08     | - 3      | 2.92    | .02     | .15     | 1                | 20             |
| :8-08  | 1         | 149       | 9           | 62        | .4                         | 3         | 14        | 1349                     | 4.89    | 7         | 5          | ND        | 1         | 124       | 1            | 3         | 2              | 18       | 7.75    | .100    | 6         | 15        | 1.30    | 84        | .01     | 3        | .37     | .01     | .16     | 1                | 28             |
| :B-09  | 1         | 101       | 6           | 56        | .2                         | 4         | 13        | 1042                     | 4.14    | 6         | 5          | ND        | 1         | 93        | 1            | 2         | 2              | 23       | 5.18    | .116    | 5         | 6         | .70     | 125       | .01     | 5        | .41     | .01     | .19     | 1                | 7              |
| :B-10  | 4         | 60        | 8           | 34        | .3                         | 4         | 11        |                          |         | 5         | 5          | ND        | 1         | 99        | 1            | 2         | 2              | 97       |         | .161    | 2         | 13        | .90     | 27        | .16     |          | 1.00    | .03     | .15     | 1                | 43             |
|        | ·         | -         | •           | •         | 1806 (4.100<br>860 (6.100) | •         | • •       |                          |         |           |            | ,,,,      | •         | •         |              | _         | _              | •        | .,,     |         | _         |           | •,,•    |           |         |          |         |         | • • • • |                  | ,,,            |
| :B-11  | 13        | 2365      | 6           | 81        | 4.2                        | 15        | 43        | 669                      | 17.79   | 42        | 5          | ND        | 1         | 11        | 301          | 2         | 8              | 70       | .21     | .058    | 2         | 20        | 1.31    | 13        | .05     | 4        | 2.07    | .01     | .05     | <b>1</b> 1       | 530 :          |
| :B-12  | 3         | 99999     | 35          | 225       | 133.6                      | 6         | 2         | 194                      | 1.42    | 8         | 5          | 4         | 1         | 9         | 16           | 2         | 509            | 8        | .12     | .001    | 2         | 52        | . 13    | 18        | .01     | 5        | .13     | .01     | .02     | 1                | 1710 ,         |
| :B-13  | 3         | 99999     | 45          | 218       | 95.1                       | 4         | 1         | 137                      | 2.06    | 7         | 5          | 3         | 1         | 3         | 12           | 2         | 550            | 6        | .04     | .001    | 2         | 2         | .04     | 9         | .01     | 4        | .06     | .01     | .01     | \$ 1.            | 1250           |
| :B-01  | 4         | 1660      | 323         | 89        | 3.4                        | 6         | 11        | 963                      | 2.69    | 105       | . 7        | ND        | 5         | 34        | 1            | 4         | 10             | 19       | .29     | .069    | 14        | 9         | .02     | 141       | .01     | . 5      | .25     | .01     | .17     | 1.               | 890            |
| :B-02  | 2         | 8142      | 5           | 51        | 5.7                        | 9         | 18        | 828                      | 3.17    | 5         | 5          | ND        | 1         | 22        | 1            | 2         | 5              | 51       |         | .065    | 2         | 13        | 1.07    | 57        | .04     | 6        | 1.06    | .01     | . 13    | 1                | 43             |
| :8-03  | 4         | 1566      | 12          | 17        | 4 4                        |           | 14        | 249                      | 1.38    |           | . E        | ND        | •         | 9         |              |           | 7              | 14       | 10      | .015    | 2         | 34        | .35     | 72        | 01      | :        | .40     | .01     | .06     | 7900<br>1 1 4    | 840            |
| :B-03  | 2         | 812       | 12          | 17        | 1.1                        | 6<br>8    | 16        | 235                      |         | 6         | . 5        | ND        | 1         | 16        | 2001<br>2001 | 2         | ź              | 17       |         | 555     | 2         | 9         | .31     | 32<br>20  | .01     | . 5      | .32     | .01     | .06     | 19 P   1         | 1              |
|        |           |           | 4           | 12        | .6                         | _         | •         |                          | .94     | 2         | _          |           |           |           |              |           |                |          |         | .015    |           |           |         |           |         |          |         |         |         | ,                |                |
| :8-05  | 1         | 217       | 3           | 11        | .3                         | 6         | 15        | 216                      | 1.82    | 6         | 5          | ND        | 1         | 6         | 1            | 2         | 3              | 23       |         | .026    | 2         | 44        | .33     | 27        | .02     | 3        | .37     | .01     | .04     | 3                | 154            |
| :B-06  | 1         | 405       | 4           | 89        | .4                         | 10        | 21        | 794                      | 4.78    | 6         | 5          | ND        | 1         | 121       | 1861         | 4         | 3              | 149      | 1.39    |         | 5         | 14        | 1.88    | 49        | .12     | 6        | 2.16    | .02     | .29     | - 1              | 5              |
| (-01   | 1         | 64        | 11          | 53        | .2                         | 163       | 26        | 747                      | 4.41    | 6         | 5          | ND        | 1         | 43        |              | 3         | 4              | 83       | 1.45    | .060    | 5         | 329       | 3.96    | 39        | .10     | . 5      | 2.86    | .05     | .04     | 1                | 4              |
| (-02   | 1         | 1910      | · 5         | 53        | .8                         | 7         | 12        | 862                      | 2.88    | 4         | . 5        | ND        | 1         | 106       | 1            | 3         | 6              | 70       | 2.57    | -099    | 2         | 12        | 1.16    | 20        | .07     | . 3      | 1,20    | .02     | .05     | 1                | 2              |
| (-03   | 1         | 156       | 8           | 84        |                            | 10        | 20        |                          | 5.17    | 5         | . 5        | ND        | 1         | 125       | - 10 m       | 3         | 2              | 148      |         | .195    | 7         | 16        | 1.92    | 14        | .12     | . 5      | 1.82    | .02     | .04     | - 1              | 9              |
| (-04   | •         | 250       | 5           | 58        | .3                         | 7         |           | 1188                     | 4.12    | . ź       | 5          | ND        | i         | 252       | 10,74        | 2         | 3              | 80       | 6.64    |         | 7         | 13        | .73     | 887       | .01     | 6        | .96     | .01     | .22     |                  | 30             |
| (-05   |           | 213       | 6           | 56        |                            | 5         |           | 1021                     |         |           | 5          | ND        | 1         | 227       | 4            | 2         | 2              |          | 5.04    |         | 7         |           | 1.08    |           | .01     | 5        | .71     | .01     | .40     | 1                | 9              |
|        | - 1       |           | 0           |           | .3                         | •         |           |                          |         | 2         | 2          |           |           |           | 1            |           |                |          |         |         | - ;       |           |         |           | 17.7    | . ,      |         |         |         | 4                | 7              |
| (-06 → |           | 18        | - 4         | 51        | .2                         | 4         | 12        | 1124                     | 3.61    | 4         | , <b>)</b> | ND        | 1         | 637       | 1            | 2         | 6              | 31       | 13.81   | .009    | 6         | 12        | 1.32    | 1012      | .01     | : 4      | .29     | .01     | .09     |                  | )              |
| (-07   | 2         | 13936     | ¯, 5        | 111       | 11.4                       | 10        | 33        | 684                      | 5.33    | 4         | 5          | ND        | 1         | 52        | 3            | 2         | 6              | 92       | 1.29    | .121    | 2         | 13        | 1.35    | 75        | .08     | 2        | 1.49    | .02     | .39     | - 1              | 89             |
| (-08   | Ĩ         | 5102      | 5           | 84        | 4.5                        | 9         | 17        |                          | 3.93    | : 4       | 5          | ND        | 1         | 64        | 2            | · 3       | 12             |          |         |         | 2         |           | 1.36    | 90        | .09     | 4        | 1.53    | .02     | .44     | 1                | 990            |
| (-09   | •         | 207       | 5           | 85        | .2                         | 13        | 23        | 699                      |         | 3         | 5          | ND        | i         | 136       | 1.1          | . 4       | 3              | 162      | 2.20    |         | 9         | 19        | 1.86    |           | .10     | 3        | 1.80    | .02     | .14     | 1                | 22             |
| )R-18  | 3         | 214       | ź           | 16        | 1,1,1,1                    | 10        |           |                          | 2.83    |           | 5          |           | i         | 19        | 30.00        |           | 2              | _        |         | .043    | -         | 11        | .50     |           | .03     | 4        | .73     | .01     | .11     |                  | 390            |
|        | _         |           |             |           | .3                         |           | 21        |                          |         | 15        | -          | ND        |           |           |              | . 2       |                |          |         |         | 2         |           |         |           |         | -        |         |         |         | - 4              | <b>9</b> 490 3 |
| )R-19  | 3         | 318       | 4           | 15        | 1.3                        | 13        | 44        | 96                       | 12.02   | 971       | . <b>8</b> | 11        | 1         | 4         | - 1<br>      | 5         | 2              | 21       | .03     | .013    | 2         | 11        | .18     | 8         | .02     | 10       | .29     | .01     | .03     | i                | 9490           |
| )R-20  | 1         | 140       | 5           | 64        | .2                         | 11        | 19        | 664                      | 3.96    | 9         | 5          | ND        | 1         | 97        | 1            | 4         | 5              | 114      | .95     | 188     | 4         | 16        | 1.85    | 90        | .16     |          | 2.01    | .02     | .80     | 1                | 49             |
| (-01   | 3         | 556       | 3           | 7         | 1.0                        | 9         | 2         | 62                       |         | 15        | 9          | ND        | 1         | 1         | - 1          | 2         | 7              | 1        | .06     | .002    | 2         | 5         | .01     | 4         | -01     | 5        | .07     | .01     | .01     | 1                | 68             |
| (-02   | 3         | 96        | 7           | 20        |                            | 11        | 13        |                          |         | 2         | 5          | ND        | 1         | 228       | 1            | 3         | 2              | 54       | 3.48    |         | 7         | 19        | .26     | 54        | . 15    | 9        | 3.89    | .27     | .07     | ` 1              | 7              |
| (-03   | 5         | 13        | 3           | 7         | 1                          | 8         | 1         | 171                      | .64     | . 5       | · 5        | ND        | i         | 1         | 4            | 2         | 2              | 1        | .04     |         | ż         | 7         | .06     |           |         | 4        | .11     | .01     | .03     | 1                | 3              |
| (-04   | 265       | 43        | 5           | 8         | 1                          |           | •         |                          |         | . 2       | -          | ND        |           | 5         |              | . 2       | 2              | Ŕ        |         | .020    | 5         | Ó         | .11     | 98        |         | 2        | .27     | .01     | .07     |                  | 1              |
| (= U4) | 203       | 43        | )           | ٥         | - \$165. b                 | 26        | 11        | 61                       | 1.73    | 2         | )          | NU        | 1         | )         | - 1 ak.      | . 2       | 2              | ٥        | .07     | .020    | 7         | ¥         | - 11    | 70        | .02     | 2        | .21     | .01     | .07     | : <b>'</b>       | ,              |
|        |           |           |             |           | 9880000                    |           |           |                          |         |           | 1          |           |           |           | 77.          |           |                |          |         | 48794-1 |           |           |         |           |         |          |         |         |         |                  |                |
| (-05   | 12        | 38        | 7           | 55        | .1                         | 52        | 27        | 252                      | 2.37    | 3         | :<br>5     | ND        | 1         | 15        | 1            | 2         | 2              | 27       | .26     | .113    | 12        | 20        | .56     | 40        |         | 2        | .84     | .03     | .43     | 1                | 14             |

|                        |           |           |           |            | <b>.</b>   |           |          | Coas        |              |           |          |           |           |           |            |           |           |           | ILE     | #_8          |           |           |             |             | )(         |                |              |      |   | 11             |
|------------------------|-----------|-----------|-----------|------------|------------|-----------|----------|-------------|--------------|-----------|----------|-----------|-----------|-----------|------------|-----------|-----------|-----------|---------|--------------|-----------|-----------|-------------|-------------|------------|----------------|--------------|------|---|----------------|
| SAMPLE#                | Mo<br>PPM | Cu<br>PPM | Pb<br>PPM | Zn<br>PPM  | Ag<br>PPM  | Ni<br>PPM | PPM      | Mn<br>PPM   | Fe<br>%      | As<br>PPM | U<br>PPM | Au<br>PPM | Th<br>PPM | Sr<br>PPM | Cd<br>PPM  | Sb<br>PPM | Bi<br>PPM | V<br>PPM  | Ca<br>% | P<br>%       | La<br>PPM | Cr<br>PPM | Mg<br>%     | . Ba<br>PPM | Ti<br>%    | B A            | il Na<br>% ? |      | C W<br>K PPM                            | Au*<br>PPB     |
| ANK-SS-01              | 1         | 155       | 7         | 92         | .2         | 8         | 18       | 693         | 3.89         | Z         |          | ND        | 1         | 95        | 1          | 2         | 2         | 98        |         | .120         | 7         |           | 1.67        | 56          | .13        | 2 2.2          |              |      |   | 4              |
| BCK-SS-01<br>BCK-SS-02 | 1         | 19<br>48  | 6         | 42<br>109  | .3<br>.7   | 9<br>21   | 19       | 388<br>571  | 2.04<br>4.77 | 2<br>7    | 5        | ND<br>ND  | 7         | 43<br>118 | 1          | 2         | 2         | 31<br>92  |         | .065<br>.587 | 21<br>21  | 71        | .54<br>1.52 | 108<br>205  | .11<br>.15 | 2 2.5          |              |      |   | 2              |
| BCK-SS-03              | i         | 45        | 2         | 97         | .3         | 20        | 17       | 522         | 4.58         | 2         | 5        | ND        | ī         | 117       | 1          | 2         | 2         | 90        | 2.23    | .586         | 21        |           | 1.48        | 190         | 15         | 6 2.4          |              |      |   | 3              |
| BCK-SS-04              | 1         | 17        | 2         | 40         | .4         | 8         | 6        | 354         | 1.92         | 2         | 5        | ND        | 6         | 39        | 1          | 2         | 2         | 28        | .52     | .069         | 19        | 11        | .47         | 96          | .09        | 7 .8           | 4 .02        | . 15 | 5 2                                     | 1              |
| BCK-SS-05              | 1         | 14        | 4         | 31         | .3         | 6         | 5        | 300         | 1.53         | 2         | 6        | ND        | 6         | 28        | 1          | 2         | 2         | 21        |         | -059         | 19        | 7         | .36         | 79          | -07        | 4 .6           |              |      |   | 2              |
| BCK-SS-06<br>BCK-SS-07 | 1         | 15<br>17  | 6<br>8    | 38<br>42   | .2         | 7<br>8    | 5<br>5   | 537<br>535  | 1.63         | 2<br>4    | 6<br>5   | ND<br>ND  | 9<br>11   | 21<br>20  | 1          | 2         | 2         | 23<br>25  |         | .040         | 17<br>19  | 10<br>11  | .42         | 30<br>30    | .05        | 8 .7           |              |      |   | 1<br>: 2       |
| BCK-SS-08              | i         | 16        | 5         | 38         | .2         | 8         | 5        | 533         | 1.78         | 5         | 5        | ND        | 12        | 20        |            | 2         | 3         | 25        |         | .043         | 21        | 11        | .41         | 31          | .05        | 2 .7           |              |      |   | ; <del>-</del> |
| BCK-SS-09              | 1         | 16        | 5         | 36         | .1         | 6         | 4        | 505         | 1.67         | 5         | 5        | ND        | 11        | 19        | 1          | 2         | 2         | 24        |         | .037         | 17        | 10        | .40         | 21          | -05        | 2 .6           |              |      | 4                                       | 1              |
| BCK-SS-10              | 1         | 18        | 8         | 43         | .1         | 8         | 6        | 455         | 2.74         | 3         | 5        | ND        | 13        | 30        | 1          | 2         | 2         | 38        |         | .069         | 26        | 12        | .46         | 57          | .08        | 10 .8          |              |      | . 1991 . 199                            |                |
| BCK-SS-11<br>BCK-SS-12 | 1         | 16<br>18  | 3         | 40<br>35   | .1         | 7<br>6    | 5<br>5   | 387<br>374  | 1.73<br>1.68 | 2<br>2    | 5<br>5   | ND<br>ND  | 6<br>8    | 29<br>27  | 1          | 2         | 2         | 25<br>24  |         | .059         | 20<br>21  | 9         | .41         | 70<br>68    | .07        | 3 .7<br>2 .7   |              |      |   |                |
| BCK-SS-13              | i         | 21        | 5         | 45         | • •        | 11        | 6        | 395         | 2.15         | 2         | 5        | ND        | 8         | 38        | 1          | 2         | 2         | 32        |         | .081         | 24        | 12        | .52         | 103         | .10        | 3 .9           |              |      |   |                |
| DK-F-01                | 1         | 18        | 18        | 68         | .3         | 7         | 7        | 590         | 1.69         | 14        | 428      | ND        | 7         | 184       | 1          | 2         | 2         | 37        | 1.71    | .097         | 21        | 16        | .58         | 704         | .02        | 4, 1.9         |              | .07  |   |                |
| DKK-SS-01              | 10        | 226       | 14        | 88         | .5         | 5         | 12       | 684         | 3.32         | _4        | 7        | ND        | 14        | 20        | 1          | 2         | 2         | 65        |         | .063         | 23        | 8         | .69         | 302         | .03        | 5 .9           |              |      |   |                |
| DK-S-01<br>JKK-SS-01   | 4         | 44<br>182 | 19<br>24  | 86<br>110  | 18.7       | 12<br>20  | 6<br>24  | 604<br>1239 | 2.62<br>6.64 | 32<br>80  | 204<br>5 | ND<br>ND  | 4         | 73<br>197 | 1          | 2         | 2         | 70<br>184 |         | .053         | 29<br>17  | 23        | .37<br>1.58 | 239<br>112  | -02<br>-09 | 5 1.6<br>5 1.6 |              | .03  |   | . 4            |
| JKK-SS-02              | 5         | 208       | 31        | 197        | .4         | 41        | 27       | 1807        | 8.40         | 42        | 5        | ND        | 1         | 108       | 1          | 2         | 2         | 18        |         | .166         | 11        |           | .29         | 91          | .01        | 8 .6           |              |      | •                                       | 22             |
| JWK-SS-01              | 2         | 290       | 16        | 185        | .3         | 12        | 31       | 1611        | 6.07         | 11        | 5        | ND        | 1         | 99        | 1          | 2         | 2         | 137       | .95     | .185         | 5         | 7         | 1.98        | 84          | .11        | 4 2.7          | 4 .01        | .24  | 19<br>10                                | 19             |
| JWS-07-S               | 1         |           | 7         | 76         | .3         | 17<br>15  | 18<br>21 | 893<br>671  | 3.81         | 7         | 5<br>5   | ND<br>ND  | 1         | 100       | 1          | 2         | 2 2       | 93<br>82  |         | .167         | 6         |           | 1.34        | 95          | .07        | 2 1.7          |              | -    |   | . 4<br>5       |
| JWS-09-S<br>LK-W-03    | 1 4       | 128<br>69 | _         | 81<br>1219 | 1.0        | 73        | 16       | 3776        | 4.05<br>4.65 | 26        | 5<br>5   | ND        | 1         | 95<br>47  | 3          | 2         | 2         | 62<br>47  |         | .177         | 6         |           | 1.09        | 81<br>185   | .08        | 2 1.8<br>6 1.2 |              |      |   | -              |
| LK-W-04                | 2         | 49        | 10        | 167        | <b>.</b> 5 | 95        | 12       | 847         | 3.03         | 16        | 5        | ND        | 1         | 101       | 1          | 2         | 2         | 36        | 4.76    | .059         | 6         | 41        | 1.14        | 113         | .03        | 4 .8           | 4 .01        | .03  | 5 1                                     | 2              |
| OK-F-02                | 1         | 26        | 7         | 76         | .1         | 22        | 11       | 403         | 2.89         | 3         | 5        | ND        | 1         | 45        | 1          | 2         | 2         | 59        | 1.58    | .088         | 8         | 29        | .96         | 137         | .09        | 2 1.5          | 5 .03        | .20  |   | 1              |
| OK-F-03                | 1         | 15        | 5         | 51         | .1         | 35        | 7        | 295         | 1.54         | 2         | 5        | ND        | 1         | 27        | 1          | 2         | 2         | 24        |         | .050         | 3         | 48        | .63         | 51          | .04        | 5 .8           |              |      | 277.720                                 | 7              |
| OK-F-04<br>OK-F-08     | 1         | 59<br>39  | 4         | 55<br>99   | .2         | 121<br>32 | 17<br>9  | 540<br>381  | 3.01<br>2.38 | 7<br>4    | 5<br>5   | ND<br>ND  | 1         | 75<br>40  | 1          | 2         | 2<br>2    | 74<br>49  | 1.66    | .085         | 4<br>6    | 218       | 2.26        | 80<br>89    | .08        | 3 1.8<br>4 1.0 |              |      | 4                                       |                |
| 0K-F-09                | i         | 63        | 7         | 88         | .2         | 120       | 15       | 420         | 2.45         | 3         | -        | ND        | i         | 44        | <b>i</b> : | Ž         | 2         | 55        |         | .080         | 3         |           | 1.52        | 139         | .07        | 2 1.5          |              |      |   |                |
| OK-F-10                | 1         | 49        | 2         | 54         | .2         | 40        | 11       | 379         | 2.24         | 5         | 5        | ND        | 1         | 32        | 1          | 2         | 2         | 47        | .91     | .105         | . 7       | 48        | .99         | 105         | .07        | 2 1.2          | 9 .02        | .24  | 1                                       | 38             |
| OK-F-11                | 1         | 37        | 8         | 51         | .2         | 8         | 8        | 325         | 2.22         | 4         |          | ND        | 2         | 30        | 1          | 2         | 2         | 41        | .99     | .140         | 10        | 11        | .39         | 49          | .05        | 2 .6           |              |      |   | 2<br>1         |
| OKK-SS-01<br>OKK-SS-02 | 1         | 24<br>28  | 3<br>6    | 66<br>70   | 1.3        | 16<br>26  | 7<br>11  | 375<br>490  | 2.29         | 5<br>5    | 5<br>5   | ND<br>ND  | 1         | 38<br>33  | 1          | 2         | 2         | 49<br>61  | .87     | .077<br>.067 | 8<br>8    | 20<br>28  | .61<br>.68  | 120<br>127  | .06<br>.07 | 2 1.2<br>8 1.3 |              |      | 200000000000000000000000000000000000000 |                |
| OKK-SS-03              | i         | 35        | 6         | 60         | 1.3        | 24        | 10       | 412         | 2.62         | 4         | 5        | ND        | i         | 39        | 1          |           | 2         | 57        | 1.07    |              | 8         | 28        | .80         | 120         | .07        | 5 1.3          |              | .16  | 5 1                                     | 1              |
| OKK-SS-04              | 1         | 19        | 4         | 65         | .1         | 15        | 6        | 298         | 1.52         | . 5       | 5        | ND        | 1         | 40        | 1          | 2         | 2         | 35        | 1.23    | .060         | 5         | 21        | .54         | 92          | .05        | 8 .7           | 5 .01        | .07  | 7 1                                     | 1              |
| OKK-SS-05              | 1         | 15        | 7         | 52         | .3         | 19        | 8        | 270         | 2.45         | 6         | 5        | ND        | 1         | 34        | 1          | 2         | 2         | 58        | .75     | .066         | 7         | 26        | .55         | 83          | .06        | 5 .7           | 8 .02        | .08  | 3 2                                     | 1              |
| STD C/AU-S             | 18        | 62        | 39        | 132        | 6.6        | 68        | 31       | 1031        |              | 40        | 18       | 7         | 37        | 48        | 18         | 16        | 24        | 57        | .49     | -089         | 38        | 55        | .89         | 172         | .06        | 34 1.9         | 2 .06        | .13  | 5 12                                    | 52             |