

**1995 REPORT
GEOLOGY
GEOCHEMISTRY AND TRENCHING
on the
PANORAMA and IDA PROPERTIES**

Dawson Mining District, Yukon

YMIP #95-71

Location: 1. 405 km North of Whitehorse, Y.T.
2. NTS Sheet 116-A/4
3. **Panorama Ridge**
Latitude 64°05'
Longitude 137°52'

Ida

Latitude 64°09'
Longitude 137°35'

For: **ORINOCO GOLD INC.**
~~1351 - 409 Granville Street~~
Vancouver, B.C.
V6C 1T2

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SUMMARY

Orinoco Gold Inc.'s Panorama Ridge and Ida properties are disseminated gold exploration targets located east of Dawson City, Yukon. The properties are 15 and 30 km respectively east of Loki Gold Corporation's Brewery Creek property which is scheduled to begin heap leach gold production in 1996. Reserves at Brewery Creek are 17,054,200 tons of ore grading 0.055 oz per ton. The Panorama Ridge property consists of 137 Full and 4 Fractional claims and the Ida property comprises 46 Full claims. Both properties are under option from Hemlo Gold Mines Inc.

Both properties cover Tombstone Suite (89-95 Ma) quartz monzonite stocks, sills and dykes intrusive into Ordovician-Silurian Road River Group shale, siltstone, chert, argillite, and chert pebble conglomerate. The discovery of low grade bulk mineable gold at Brewery Creek and Fort Knox style intrusive hosted gold at Dublin Gulch, Clear Creek and Red Mountain has highlighted the potential for economic gold mineralization associated with the Tombstone Suite intrusions in the western Selwyn Basin. In all of these deposits and occurrences gold is associated with sheeted quartz veins within the intrusions or zones of reactive, porous or structurally prepared sedimentary rocks adjacent to the intrusions. Geochemically the intrusions display a strong Au, As, Bi, and Sb signature with or without Hg, Pb, and Zn. An east-west (070° -110°) late brittle structural trend has been identified at all deposits and occurrences. Alteration associated with these deposit types ranges from incipient thin (mm scale) selvages adjacent to quartz veins to strong sericite clay alteration of the intrusions.

Work programs at the Panorama Ridge and Ida properties, conducted between 1978 and 1990 by Noranda and Riocanex, and by Orinoco Gold Inc. in 1995, has identified highly anomalous Au, As, Bi, and Sb associated with the intrusions. At Panorama Ridge a strong coincident Au, As, Bi, and Sb soil anomaly measuring 1500 m by 400 m has been outlined over the quartz monzonite intrusion. The anomaly has a 070° trend. Trenching within this anomaly has exposed an extremely altered veined and mineralized structure that has returned up to 11 g/t Au over 1 m with anomalous As, Bi, and Sb. The best soil anomalies on this trend have not been tested.

At the Ida property three zones of anomalous Au, As, Bi, and Sb in rock have been outlined in quartz monzonite and in the adjacent hornfelsed sedimentary rocks. The three zones coincide with the north, central, and south stocks on the property. The north zone is an 800 m by 300 m area of anomalous gold in rock that has returned chip samples assaying 5900 ppb Au over 8 m. The central zone measures 600 m by 300 m and has returned assays up to 3820 ppb Au over 10 m. The south zone was first sampled in 1995 and three of four samples returned between 2065 and 9270 ppb Au in rock.

Based on these results, a two phase success-contingent exploration program of data compilation, mapping, trenching, geochemical sampling and drill testing at an estimated total cost of \$550,000 is warranted and recommended.

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INTRODUCTION

This report was prepared at the request of the directors of Orinoco Gold Inc. Its purpose is to compile existing data on the Panorama Ridge property which includes the Aus, Orin, and Occo Claims; and on the Ida property which includes the Ida and Oro Claims; and to report on the 1995 exploration programs completed between July 15 and September 13, 1995.

Orinoco Gold Inc. is a private company registered in British Columbia. The company's directors optioned the Panorama Ridge and Ida properties from Hemlo Gold Mines Inc. in the spring of 1995 and raised private financing to complete a \$75,000 exploration program on Panorama Ridge and a \$50,000 exploration program on the Ida property. Orinoco Gold Inc. can earn a 75% interest in the properties through work commitments and Hemlo Gold Inc. has the right to back-in after Orinoco has earned it's 75% interest by funding additional exploration.

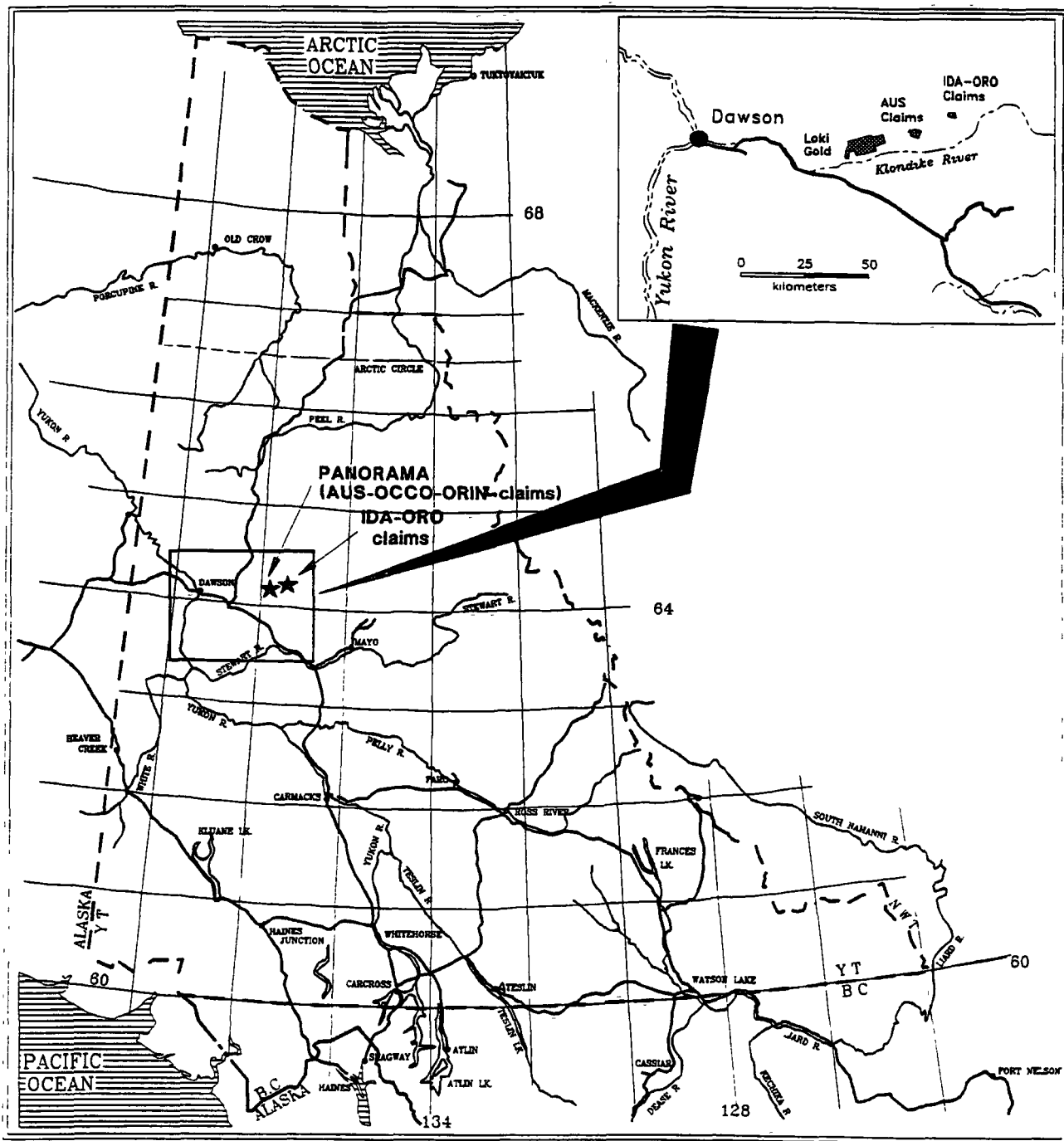
The field work was completed by Aurum Geological Consultants Inc., and included establishing an infill soil grid on Panorama Ridge, Kubota back-hoe trenching and soil and rock sampling. On the Ida property, work included mapping and soil and rock sampling to confirm and further define the extent of anomalous gold in rock samples reported by Rio Tinto Canadian Exploration Ltd. (Riocanex) and Noranda Exploration Company Ltd.

The objective of the field programs was to re-evaluate the properties based on the Fort Knox model of intrusive hosted gold deposits, and to identify areas that required additional trenching and diamond drilling.

Location and Access

The Panorama Ridge and Ida properties are on two prominent ridges approximately 15 km apart between Brewery Creek, on the west, and Hamilton Creek on the east. The properties are on the northeast side of the Tintina Trench in the Southern Ogilvie Mountains physiographic region, approximately 75 km and 90 km respectively east of Dawson City, Yukon. Panorama Ridge and Ida are 15 and 30 km respectively northeast of Loki Gold Corporation's Brewery Creek deposit. Panorama is between Aussie Creek and East O'Brien Creek and Ida is between Aussie Creek and Hamilton Creek. Brewery, Aussie, and Hamilton Creeks all drain from the south slopes of the Ogilvie Mountains into the South Klondike River.

The properties are found on the southern portion of NTS map area 116A/4. The geographic coordinates of a point approximately in the centre of Panorama Ridge is 64°05' north latitude and 137°52' west longitude and for Ida at 64°09' north latitude and 137°35' west longitude (Figure 1).



**YUKON
TERRITORY**

0 100 200
Kilometers

ORINOCO GOLD INC.

**AUS-ORCO-ORIN CLAIMS
IDA-ORO CLAIMS**

LOCATION MAP

Aurum Geological Consultants Inc

SCALE 1:7150,000

DATE October 1995

N.T.S. 116 A/4 DRAWN: LCP Consult FIGURE 1

Access to the property is via the Klondike Highway (#2) north from Whitehorse to the Dempster Highway and from there six kilometres north to the "Ditch Road" which leads to the Brewery Creek property.

The nearest road access to the property terminates on the eastern side of the Brewery Creek deposit approximately 14 km southwest of Panorama Ridge. Helicopters based in either Dawson or Mayo are needed to access both Panorama Ridge and Ida properties.

Physiography, Climate, and Vegetation

The Panorama Ridge and Ida properties are within the Southern Ogilvie Mountains physiographic region of the southern Yukon. Elevations range from 2000' on the lowest part of the Orin claims to over 5800' elevation on the Ida property. Both properties overlook the Tintina Trench, a major physiographic feature that marks a zone of right lateral faulting that has resulted in major displacements of some 450 kilometres.

An interior continental climate with moderate to low precipitation (40 cm annually), warm summers and cold winters typifies the area. Permafrost is discontinuous, present only on the steeper north and east facing slopes and low marshy forested areas. The properties are normally snow free from mid June to late September.

Most of the Ida property is well above treeline. At Panorama Ridge, vegetation consists of Black Spruce, Western Spruce, poplar, alder and willow in the valleys to ground cover consisting of moss, alpine plants, willow, and dwarf birch above 4000' elevation. The most recent glaciation affected only the larger south trending valleys such as Hamilton and Brewery Creeks, but did not cover most of the higher ridges. As a result outcrop exposure is poor (~5%) except on ridge tops and incised drainage channels and gullies. A large portion of the Ida property is covered by felsenmeer and talus fines.

The area around Panorama Ridge was part of a large burn that occurred in 1989 and most vegetation and trees on Panorama Ridge were consumed by the fire. The area trenched in 1995 on Panorama Ridge was on a southwest facing steep slope and no permafrost was encountered.

There is a thick B horizon brunisol developed on the Panorama Ridge property. This is an old (50,000 to 1,000,000 Ma) soil developed in situ that has not been affected by glaciation. The soil has been leached and probably masks underlying bedrock geochemical anomalies.

Property

Orinoco Gold Inc.'s properties consist of two claim blocks; one at Panorama Ridge consists of 137 Full and 4 Fractional claims; and, 46 Full claims at the Ida property. The

claims were staked in accordance with the Yukon Quartz Mining Act and are all registered under Orinoco Gold Inc.'s name within the Dawson Mining District. The claims cover an area of approximately 3,866 hectares (9,546 acres). A list of claim names, grant numbers and expiry dates are found in Table I. Figures 2 & 3 show the claim locations for the Panorama Ridge and Ida properties respectively.

The Aus and Ida-Oro Claims were originally staked for Noranda Exploration Company Ltd., by Gordon Clark and Associates. The claims were later transferred from Noranda Exploration Company Ltd. to Hemlo Gold Mines Inc. Orinoco Gold Inc. entered into an option agreement on these claims with Hemlo Gold Mines Inc. The Orin and Occo claims were added to the Panorama Ridge property in early September of 1995 by Orinoco Gold Inc. after it became apparent that there was a strong east west structural trend that appeared to be localizing the mineralizing intrusives on a 070° to 100° trend that extends from Loki Gold Corporation's Brewery Creek property through Panorama Ridge and on to the Ida property.

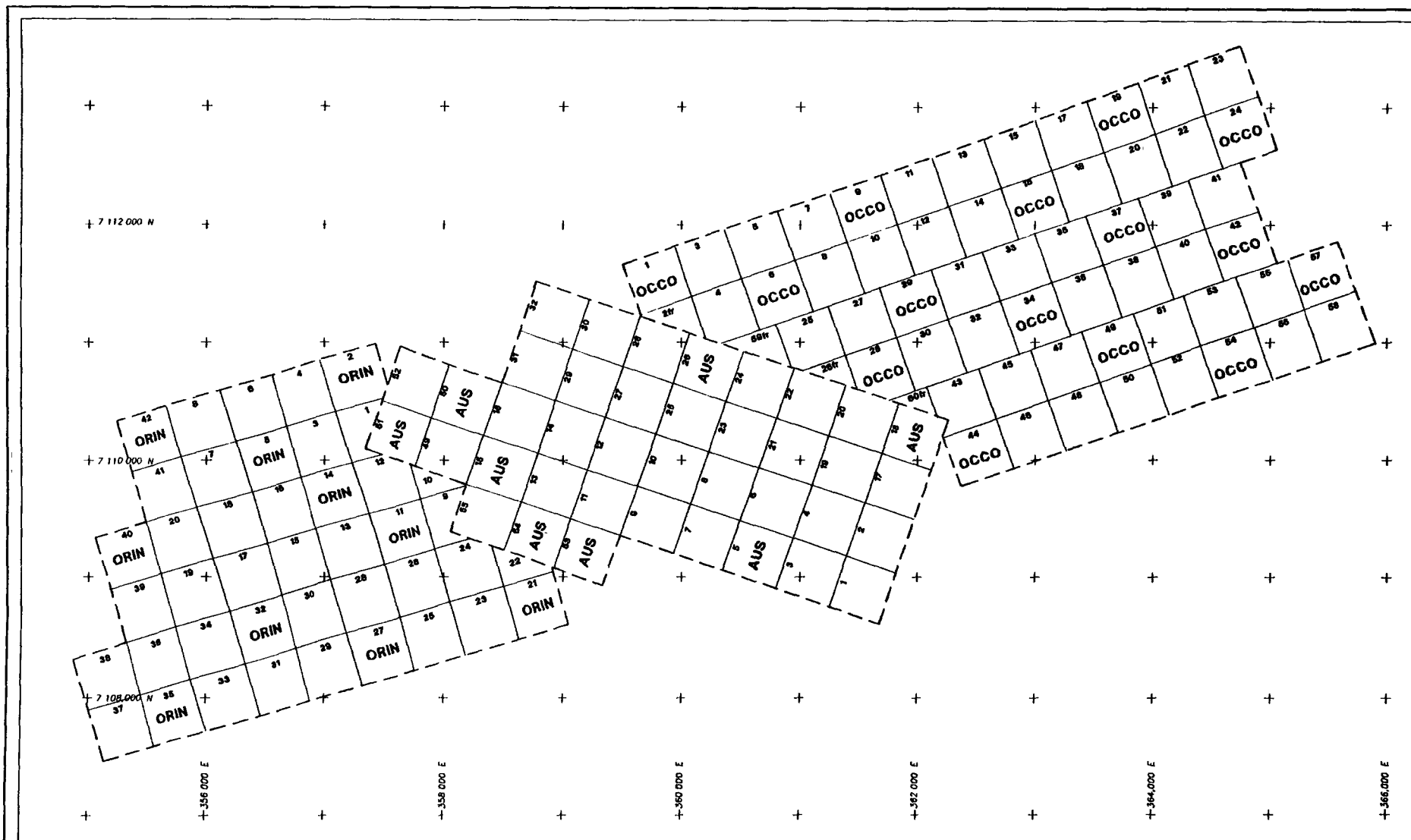
TABLE I - CLAIM DATA

PANORAMA RIDGE CLAIMS

CLAIM NAME	GRANT No.	No. CLAIMS	EXPIRY DATE (Y/M/D)
OCCO 1	YB54376	1	1996.09.14
OCCO 2 FR	YB54377	1	1996.09.14
OCCO 3-25	YB54378-4400	23	1996.09.14
OCCO 26 FR	YB67401	1	1996.09.14
OCCO 27-58	YB67402-7433	32	1996.09.14
OCCO 59 FR	YB67434	1	1996.09.14
OCCO 60 FR	YB67435	1	1996.09.14
AUS 1-32	YB04454-4485	32	2001 01 20
AUS 49-52	YB31209-1212	4	1996.07 31
AUS 53-55	YB54208-4210	3	1996.07 31
ORIN 1-42	YB67436-7475	42	1996.09.14

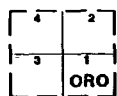
IDA CLAIMS

CLAIM NAME	GRANT No.	No. CLAIMS	EXPIRY DATE (Y/M/D)
IDA 1-14	YA89419-9432	14	1998.02.20
IDA 17-23	YA89435-9441	7	1998 02 20
ORO 1-21	YA88924-8944	21	1996.02.20
ORO 25-28	YA88948-8951	4	1966.02.20



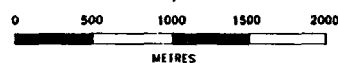
LEGEND

1500 -
elevation contour
Interval (500 feet)



Claim Group

UTM N
TN
mN



**ORINOCO GOLD INC.
AUS-OCCO-ORIN CLAIMS**

**PANORAMA RIDGE
CLAIM MAP**

Aurum Geological Consultants Inc.

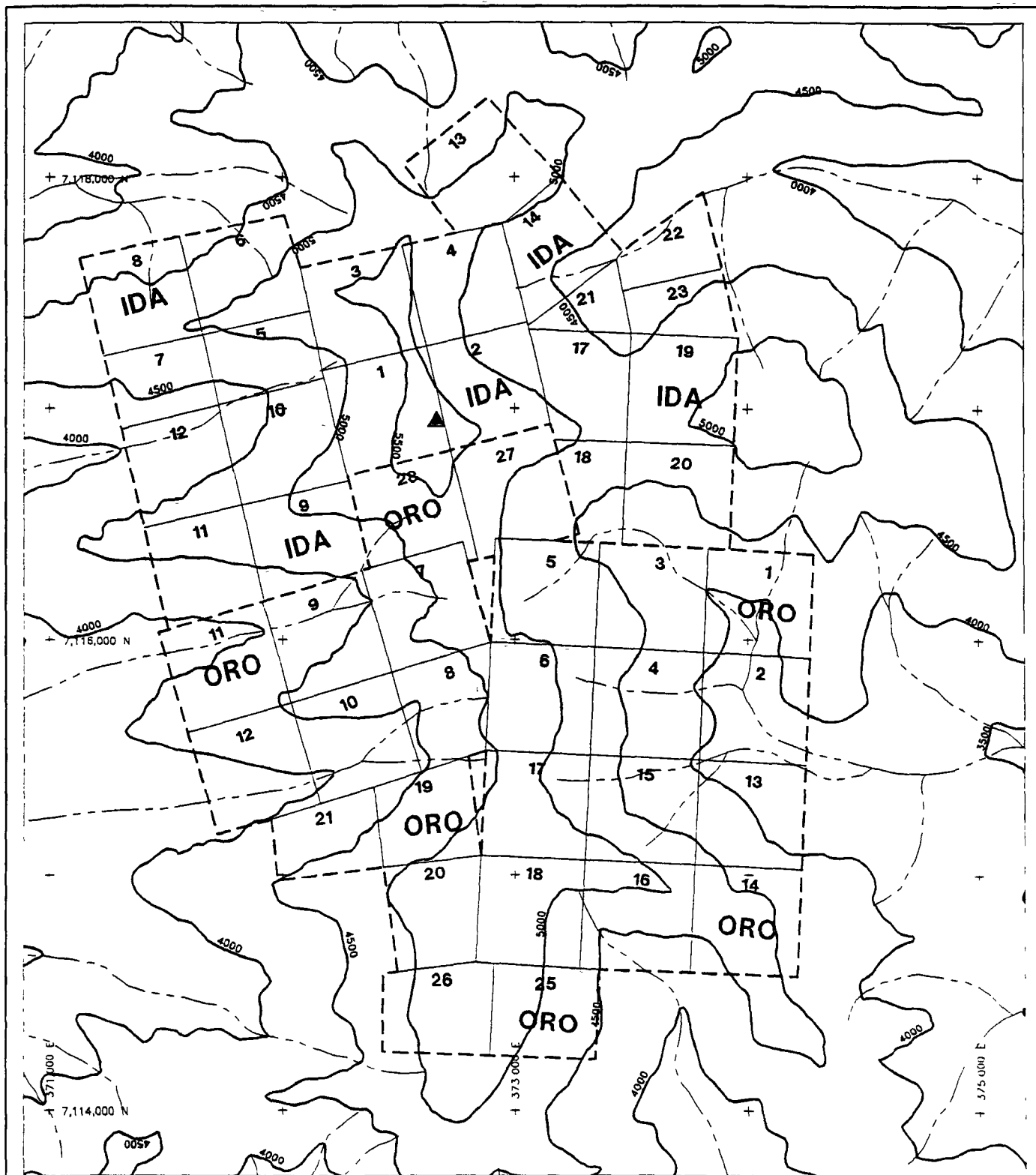
SCALE 1 50,000'

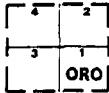
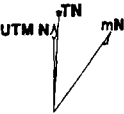
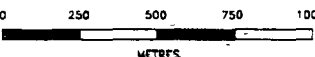
DATE: August 1995

N.T.S. 1:16 A/4

DRAWN: LCP Consult

FIGURE 2



LEGEND		ORINOCO GOLD INC.
▲ Survey Monument  Claim Group	 	IDA CLAIM MAP Aurum Geological Consultants Inc SCALE 1:25,000 DATE October 1995 NTS 116 A/4 DRAWN LCP Consult FIGURE 3

History

Panorama Ridge Property - Aus. Orin & Occo Claims

The Panorama Ridge property was first staked as the Aus 1-32 claims in October of 1987 to cover areas of anomalous gold in soil discovered during reconnaissance exploration conducted by Noranda Exploration Company Ltd. The area was an obvious exploration target after Noranda personnel had located gold in soil anomalies that led to the discovery of the Brewery Creek deposit. Brewery Creek was subsequently acquired by Loki Gold Corporation who have raised public and private financing to bring the deposit into production. Production of heap leach gold at Brewery Creek is scheduled to begin in 1996.

Work programs on Panorama Ridge completed by Noranda Exploration Company Ltd. in 1988, 1989 and 1990 consisted of establishing cut grid lines, silt, soil and rock sampling, mapping, and magnetometer and IP surveys, and back-hoe trenching. Noranda personnel spent approximately 200 man days exploring the Panorama Ridge property. Work included establishing 51 km of cut and picketed line, collecting 1150 soil samples, 187 rock grab samples and 258 chip samples from seven trenches that totalled 836 m in length. The trenching was completed using a Kubota back-hoe that was mobilized to the property by helicopter.

Geophysical surveys completed on the Panorama Ridge property in 1988 and 1990 consisted of 68 line-kilometres of magnetometer surveys and 16 line-kilometres of IP. The magnetometer survey shows a broad magnetic low over the area of interest within the intrusion. The IP survey delineated zones of iron enrichment within the hornfelsed zone at the intrusive-sedimentary contact.

Noranda's work between 1987 and 1990 outlined a 1500 m by 800 m area of >60 ppb gold in soils with a coincident arsenic in soil anomaly. Trenching and rock sampling was focused on the intrusive-sedimentary contact and the best values found in rock grab samples included 2745 ppb gold in a quartz and actinolite vein at 170000E/29700N, 1380 ppb Au at 17200E/30242N, 2840 ppb Au at 16365E/29830N, 1430 ppb Au at 17090E/30100N, 3580 ppb Au at 16600E/30220N and 3660 ppb Au at 17295E/30100N. Most samples were from veins in the hornfelsed sedimentary rocks. One trench sample returned 1673 ppb Au over 2 m in hornfels sedimentary rocks from Trench 7 (see Figures 11 & 12) located on the north side of the intrusion.

The total estimated expenditures on the Panorama Ridge property reported by Noranda from filed assessment reports is \$196,904 between 1987 and 1991, (Duke, 1991; Galambos 1988, 1990).

Ida Property- Ida, Oro Claims

The Ida property was originally staked as the IDA 1-120 claims by Rio Tinto Canadian Exploration Ltd. (Riocanex), in 1979. It was staked to cover an arsenic, mercury, and antimony silt anomaly detected during the 'Aurora Gold Project' which followed up regional stream sediment mercury anomalies reported by the Geological Survey of Canada. Riocanex worked the ground from 1979 to 1981 with programs of rock and soil sampling, geological mapping, and later blast trenching. During the 1979 work program, Riocanex spent one week testing the ground for Carlin-style mineralization by collecting 68 soil and 44 rock samples. The best result was 4485 ppb Au in rock from a silicified fault zone. In 1980, Riocanex's follow up program consisted of detailed geological mapping and the collection of 3200 soil and 450-10 metre chip samples. The soils were analyzed for As, Sb, and Hg (not gold). Rock chip samples returned values up to 3820 ppb Au over a 5 m length and outlined a 500 m by 600 m zone of anomalous gold in rock on the central portion of the property. A total of 51 blast trenches and 486 rock samples collected by Riocanex in 1981, defined a new (300 m by 800 m) zone of 500 ppb Au in rock on the northern portion of the property. Trench results ranged up to 10.6 g/t Au. The total expenditures by Riocanex on the property as reported in assessment certificates filed with the Dawson Mining Recorder was \$132,675.00, (McClintock, 1979, 1981a, 1981b). Riocanex conducted no further work and allowed the claims to lapse in 1986.

Noranda Exploration Company Ltd. staked the ground as the IDA 1-23 and ORO 1-28 claims in 1987 and worked the ground from 1987 to 1989. A total of 97 soil and 141 rock samples were collected by Noranda in 1987 and soil results showed that arsenic and antimony correlates well with gold while rock sampling returned significant gold in rock up to 13,400 ppb Au from a grab sample, 1820 ppb Au over 3 m and 5060 ppb Au over a one metre chip sample. In 1988, Noranda conducted a program of geological mapping, soil, and rock sampling over the claim block. The 1500 soil samples and 183 rock samples that were collected returned anomalous Au in rock and up to 8500 ppm As in soil. Noranda followed up with a 10-day trenching and chip sampling program, in 1989. A total of 10 hand trenches with 115 trench and 125 rock samples returned significant results up to 4902 and 3820 ppb Au, respectively. The total cost of the work reported in assessment certificates filed by Noranda from 1987 to 1989 was \$89,971.00, (Duke, 1990; MacKay, 1989; Copland, 1988).

Exploration by Noranda on both the Panorama Ridge and Ida properties focused on the intrusive-sedimentary contact zones and the intrusions were largely ignored. The 1995 work program conducted by Aurum Geological Consultants Inc., focused on the intrusions in an attempt to locate zones of alteration and sheeted veins that could host economic low grade bulk mineable gold mineralization.

Assessment reports filed by Noranda Exploration Company Ltd. and Riocanex are listed in the references accompanying this report.

GEOLOGY

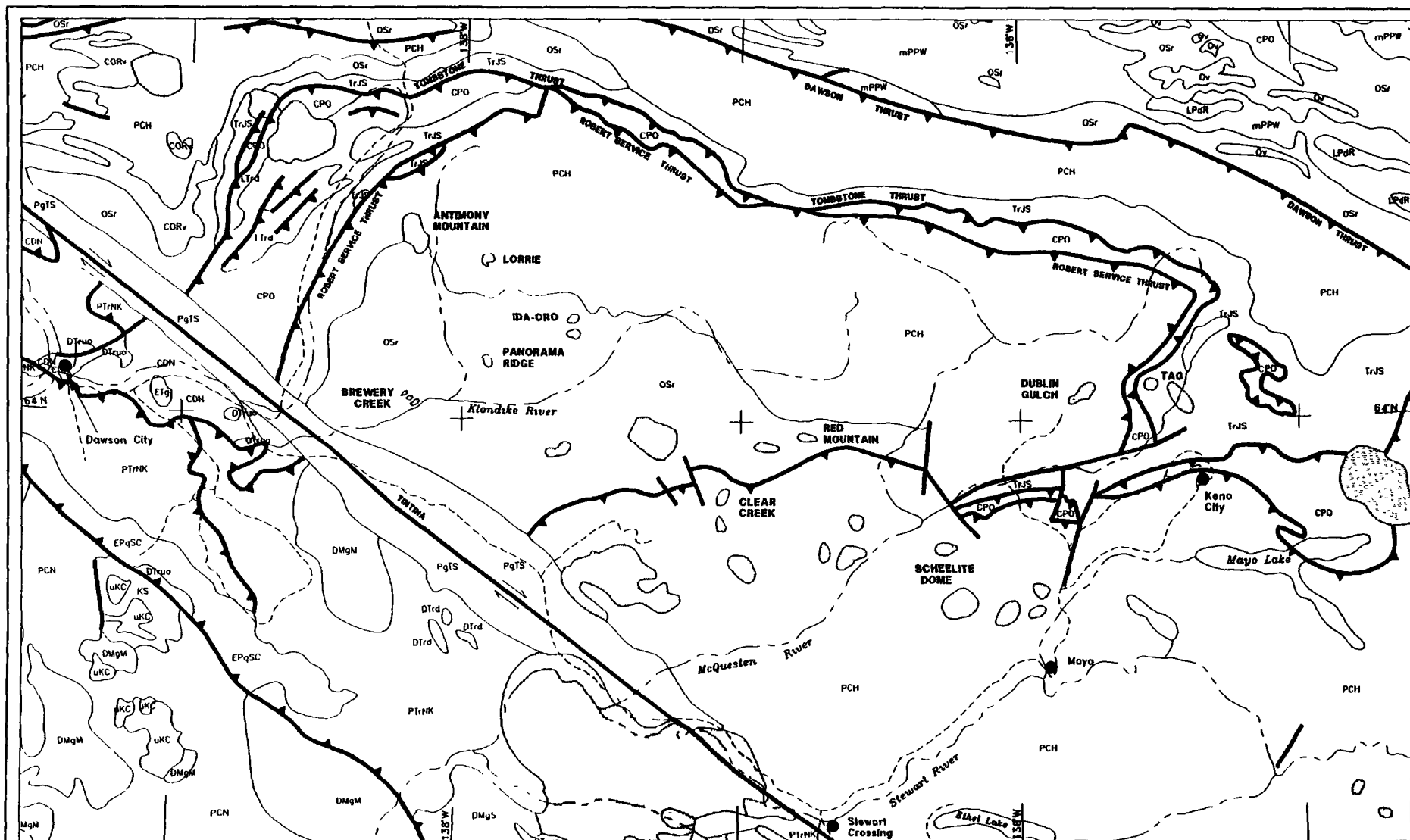
Regional Geology

The Panorama Ridge and Ida properties are situated within the western portion of the Selwyn Basin, part of the Ominica Belt (Wheeler, et al., 1991; Murphy, et al., 1993) as shown on Figure 4. The regional geology of this area of the Yukon has been mapped by Green 1972, at 1:250,000 scale. More detailed 1:50,000 scale mapping has been completed on the map sheets to the southeast of Panorama Ridge and Ida properties (Murphy, et al., 1993; Murphy and Heon, 1994). The area northeast of the Tintina Trench is characterized by three regionally extensive northerly directed thrust sheets. The Robert Service, Tombstone, and Dawson thrusts, have displaced large packages of rocks within the Selwyn Basin during the Jura-Cretaceous compressional tectonic event. The Robert Service thrust underlies and defines one of the largest thrust sheets in the Canadian Cordillera (Murphy et al., 1993). It extends eastward from Dawson City area through the Keno Hill area and into the Lansing area. The Robert Service thrust typically juxtaposes Upper Proterozoic Hyland Group rocks (PCH) on the upper plate over Mississippian Keno Hill Quartzite and Triassic-Jurassic schist (TrJs) on the lower plate. The Tombstone thrust typically juxtaposes Proterozoic and Paleozoic Selwyn Basin rocks over an immediate footwall ranging in age from Devonian to Late Jurassic (Murphy, et al, 1993, Abbott, 1993). Structural evidence suggests an early northwestward, followed by northeastward translation of the Tombstone thrust sheet and underlying Paleozoic rocks on the Tombstone Thrust (Roots, 1993; Murphy and Heon, 1994).

Selwyn Basin rocks were deformed and intruded by felsic plutons and stocks during the waning stages of the Jura-Cretaceous compressional tectonic event. Three suites of granitoid intrusives are recognized, a 98 Ma Selwyn Suite, the 89-95 Ma Tombstone Suite and a 64 Ma Southern Suite. The Selwyn and Tombstone Suite intrusions are distributed along a northwest trending arcuate belt within the Selwyn Basin. The intrusives are mainly granitic in composition and host tin, tungsten, and molybdenum mineralization (Emond, 1992). Recent exploration efforts have identified Fort Knox style intrusive hosted gold mineralization associated with the Tombstone Suite intrusions. Geochemically, Fort Knox style mineralization has a strong Au, As, Bi, Sb, +/- Hg, and Pb geochemical signature that reflects the intrusive source for the mineralization.

Felsic Cretaceous intrusives of the 89-95 Ma Tombstone Suite are known to host low grade Fort Knox style intrusive hosted gold mineralization at Fort Knox, Dublin Gulch, Clear Creek, Red Mountain, and Scheelite Dome. Intrusive bodies range in size from meter-scale dykes to stocks several square kilometres in area (Murphy, et al., 1993). They are primarily granitic to quartz monzonitic in composition, although bodies of syenite and diorite are also found in the belt.

Regional metamorphism has imprinted a greenschist facies metamorphic mineral assemblage on rocks of the Hyland Group and Road River Group. Contact metamorphic aureoles consist of biotite hornfels enriched in iron and, locally, precious and base metals.



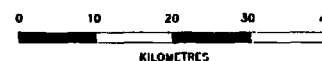
LEGEND

- Road
- Major River
- Townsite
- Thrust Fault
- Strike slip Fault

See table for Lithologies

Geology modified from
Wheeler and McFeely, 1991

UTM NA TN MN



ORINOCO GOLD INC.

REGIONAL GEOLOGY

Aurum Geological Consultants Inc.

SCALE: 1:1,000,000 DATE: October 1995
N.T.S. 105 108 115 118 DRAWN: LCP Consult FIGURE 4

Often the larger intrusions have a low magnetic signature surrounded by an area of high magnetic relief related to the hornfelsed zone.

Table II shows the simplified stratigraphy and intrusive events to accompany Figure 4.

TABLE II

TABLE OF FORMATIONS

(Rock units between the Tintina Trench and the Dawson Thrust)

CRETACEOUS

Stippled Areas Tombstone Suite: Granodiorite, Biotite Quartz monzonite

TRIASSIC AND JURASSIC

TrJs Lower Schist

CARBONIFEROUS & PERMIAN

CPo Keno Hill Quartzite

ORDOVICIAN-SILURIAN

OSr Road River Group: Shale, siltstone, argillite,
chert, pebble conglomerate

UPPER PROTEROZOIC-LOWER PALEOZOIC

PCH Hyland Group: grey green and maroon shale,
sandstone, quartz pebble conglomerate
minor limestone

Metallogeny

Panorama Ridge and Ida properties are located on the northern side of the McQuesten Mineral Belt. The McQuesten Mineral Belt (Aho, 1962) is a 30-50 km wide and 140 km long east-west trending belt consisting of a major transverse zone of east-northeast trending folds, Cretaceous felsic intrusions, and related Au, Sn, W and Ag mineralization. The Panorama Ridge and Ida properties share many similarities with active

exploration targets in that belt (Dublin Gulch, Clear Creek, Scheelite Dome and Red Mountain) and with Loki Gold Corporation's Brewery Creek deposit. All of the currently active bulk mineable gold targets in this belt are related to the 89-95 Ma Tombstone Suite intrusives. Intrusion of alkaline felsic stocks parallel to the fold axis has resulted in fault controlled mineralization spatially related to the stocks. Mineralization consists of: Fort Knox style gold-bismuth and arsenopyrite in sheeted veins and disseminations within the intrusions, tin-tungsten and gold skarns, silver-lead-zinc veins, and silver-lead-antimony veins. Mineralization associated with felsic stocks occur at Clear Creek, Red Mountain, Dublin Gulch, and Scheelite Dome (Aho, 1963; Emond, et al., 1992; Emond, 1992) and at Brewery Creek, Panorama Ridge, Ida, Antimony Mountain and Lorrie properties which are on the northern flank of the McQuesten Mineral Belt. Geochemically, the intrusions, and in places reactive or porous sedimentary units nearby, show a strong Au, As, Bi, Sb, +/- Hg and Pb geochemical signature. The Fort Knox and Dublin Gulch deposits can be considered as one end member and Brewery Creek and other occurrences found within both intrusions and surrounding sedimentary rocks can be considered as the other end member that are more a disseminated replacement style mineralization similar to the Carlin type deposits of Nevada. The common factor present at all these deposits and occurrences is the Tombstone Suite intrusions and the geochemical association related to these intrusions.

Deposit Model

The main exploration target associated with Tombstone Suite intrusions is bulk tonnage low grade deposit similar to the Fort Knox deposit currently being developed near Fairbanks, Alaska. Total mineable proven and probable reserves at Fort Knox currently stand at 174.5 million tons grading 0.024 opt gold (0.82 g/t) (Northern Miner, Mar. 29, 1993).

The 'Fort Knox' deposit model is one of intrusive hosted gold genetically related to a porphyritic granite stock. The genesis of the 'Fort Knox' deposit is comparable to porphyry copper or porphyry molybdenum systems and as such the 'Fort Knox' deposit type may be classified as a 'porphyry gold' system (Hollister, 1991). Deuteric and hydrothermal fluids deposited economic concentrations of native gold within the granite during and after emplacement of the stock.

These deposits are sulfide deficient; gold is associated with trace amounts of molybdenum, tungsten and bismuth. Mineralization is primarily within quartz veinlets, veins, and shears within the intrusive although gold is also found as disseminations within the stock (Hollister, 1991). Associated minerals are molybdenite, scheelite, arsenopyrite, pyrite, bismuthinite and rarely tetradymite ($\text{Bi}_2\text{Te}_2\text{S}$). Total sulfide content rarely exceeds one percent.

Potassic, phyllic, and argillic alteration is locally present within the intrusive (Hollister, 1991). Generally, small amounts of potassium feldspar, sericite, and or clay

minerals are found within or as thin selvages adjacent to the mineralized quartz veins. Post mineral veins consist of calcite, calcite-quartz, and clay.

The Dublin Gulch deposit is similar to the above described 'Fort Knox' deposit although the Dublin Gulch deposit contains a higher percentage of sulfide minerals including arsenopyrite, pyrrhotite, pyrite, molybdenite, chalcopyrite, and bismuthinite (Hollister, 1991).

Both Fort Knox and Dublin Gulch, are located in historic, and currently active, placer gold camps. The Clear Creek property, Red Mountain, and Scheelite Dome shares this characteristic. All three properties are also characterized by large low magnitude gold in soil anomalies over and immediately adjacent to the intrusive stocks. There is no record of active placer operations near Brewery Creek, Panorama Ridge, Ida, Lorrie, or Antimony Mountain.

On Loki Gold Corporation's Brewery Creek deposit, located approximately 15 kilometres west of Panorama Ridge, 18,200,000 tons of ore grading 0.044 opt gold (BBN James Capel Inc., 1994) has been delineated in nine zones over a strike length of 6.7 kilometres (Yukon Minfile #116B 160). These zones are structurally controlled by several imbricated low-angle thrusts faults. The main thrust fault separates a sill-like slab of Tombstone Suite quartz monzonite from Devonian-Mississippian Earn Group greywacke, shale, graphitic argillite, bedded barite, pyroclastic rocks and chert pebble conglomerate (Yukon Minfile #116B 160). At the Antimony Mountain and Lorrie occurrences, to the north of Panorama Ridge and the Ida properties, gold is found in quartz-arsenopyrite veins and disseminations associated with Tombstone Suite felsic stocks, plugs dykes and sills.

Most exploration efforts within the belt have been directed at intrusive hosted mineralization. More recently, work at Red Mountain, Scheelite Dome and the Tag property have indicated that gold mineralization also occurs within porous or reactive or structurally prepared sedimentary rocks adjacent to the intrusions.

At all the above mentioned occurrences, the sheeted veins or mineralized zones are localized within brittle fracture zones that have 070° to 100° trends.

Geology, mineralization, and geochemistry at both Panorama Ridge and Ida properties share many of the characteristics of the Fort Knox model.

Property Geology - Panorama Ridge

The Panorama Ridge property covers a Tombstone Suite quartz monzonite intrusion that cuts fine grained siltstone, shale, and chert of the Ordovician-Silurian Road River Group (Figure 5). The intrusion is lenticular in shape and has been traced over a

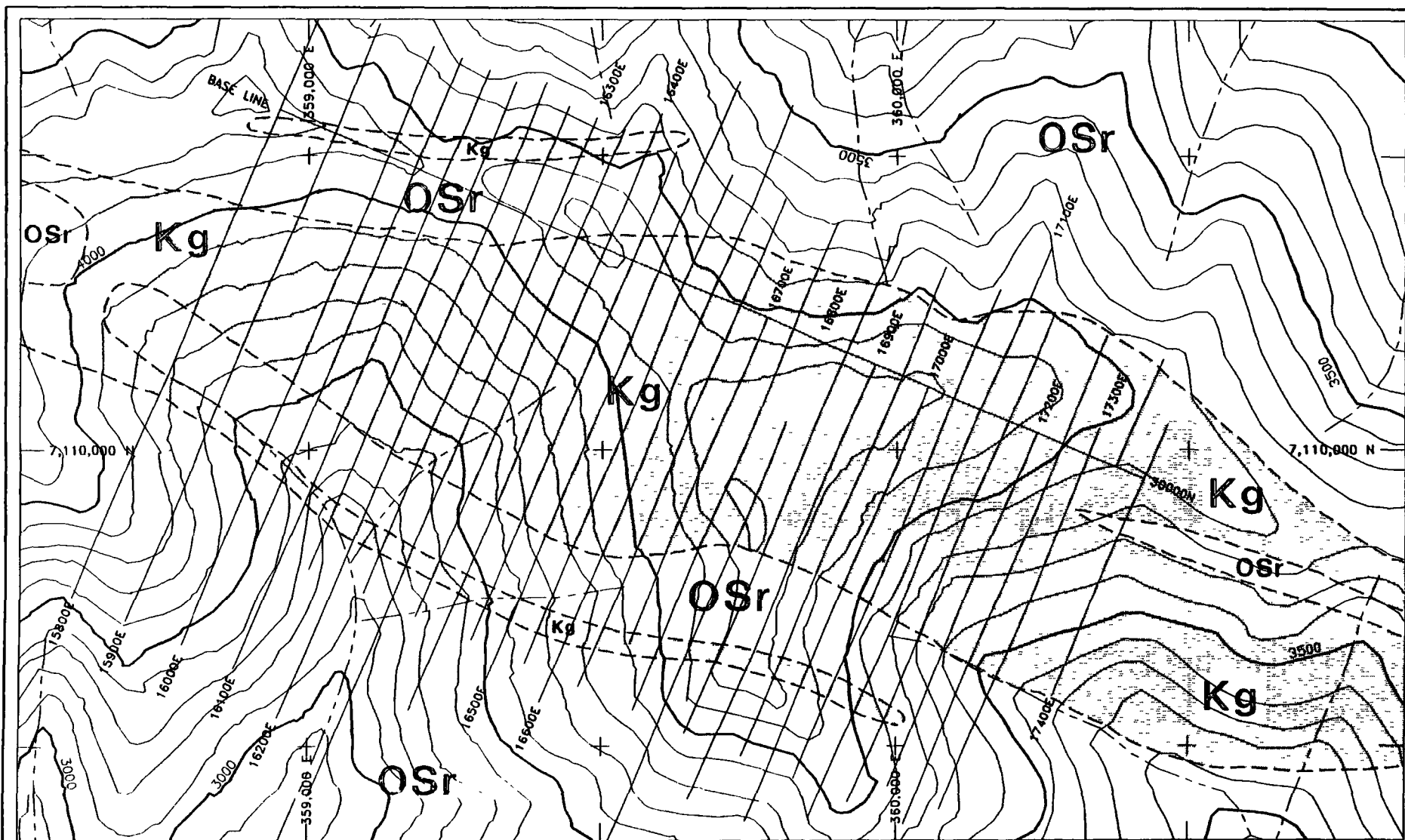
4 km length with an average thickness of 500 m. The intrusion has a rough 110° trend and is steeply dipping. On both the northern and southern side of the main intrusion, narrow fine grained dykes of similar composition have been mapped. All intrusives appear to be broadly conformable with sedimentary layering and can be considered sill-like bodies.

The cherts and siltstones are commonly finely laminated, have steep to vertical dips, and strike roughly 110° . Near the contact with the quartz monzonite the cherts are bleached and silicified to a dense fine grained hornfels. Local areas contain brecciated chert with a dark blue, black, or green matrix. On the southern side of the quartz monzonite a finely laminated chert unit forms a prominent marker horizon. This chert band is very resistive and forms a tor-like ridge of rock that can easily be traced along strike.

The quartz monzonite is commonly a medium grained sparsely megacrystic intrusion with a closely spaced jointing set that trends between 085° and 110° . Fine mm scale quartz veins and dry fractures are common within the intrusion. Occasionally vein densities approach 5 per metre. The veins and dry fractures commonly host blebs of oxidized arsenopyrite and pyrite. On surface exposures, alteration is at best incipient. Near areas with increased vein densities or disseminated sulfides, a light green waxy alteration of feldspars is common. Patches of limonite and iron oxide staining are a good indicator of blebby sulfides on dry fractures or along vein selvages.

Outcrop on the Panorama ridge is sparse and is confined to ridge tops. Approximately 5% of the property has outcrop or talus slopes that are indicative of underlying lithologies.

Most exposed outcrops are of resistant unaltered quartz monzonite that is weakly anomalous in gold. The 100° trending altered and mineralized structure exposed in Trenches 8 & 9 is marked by a shallow grassy depression. Tors of unaltered quartz monzonite outcrop on either side of the structure and apart from the recessive profile across the structure, there is no other physical evidence that this structure crosses the property. Trenches 95-8 & 9 exposed extremely altered quartz monzonite with regularly spaced, thin, quartz veinlets with a strong red Fe-oxide stain. Arsenopyrite and pyrite are found on the vein selvages and as disseminations in the wall rock. Limonite, green scorodite ($\text{FeAsO}_4 \cdot 2\text{H}_2\text{O}$) and other iron oxides are common in the more altered quartz monzonite. Locally arsenopyrite and stibnite were noted. Soil geochemistry over this area was at background levels of approximately 50 ppb Au. The lack of a soil geochemical anomaly reflecting the underlying mineralization is caused by the thick in situ B horizon soil.



LEGEND

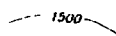
CRETACEOUS



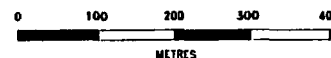
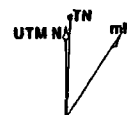
granodiorite, quartz monzonite

ORDOVICIAN-SILURIAN ROAD RIVER GROUP

OSr shale, siltstone, chert



elevation contour
interval (100 feet)



ORINOCO GOLD INC.
AUS CLAIMS

PANORAMA RIDGE
PROPERTY GEOLOGY

Aurum Geological Consultants Inc.

SCALE: 1 : 10,000

DATE: October 1995

NTS: 116 A/4

DRAWN: LCP Consult

FIGURE 5

Property Geology - Ida

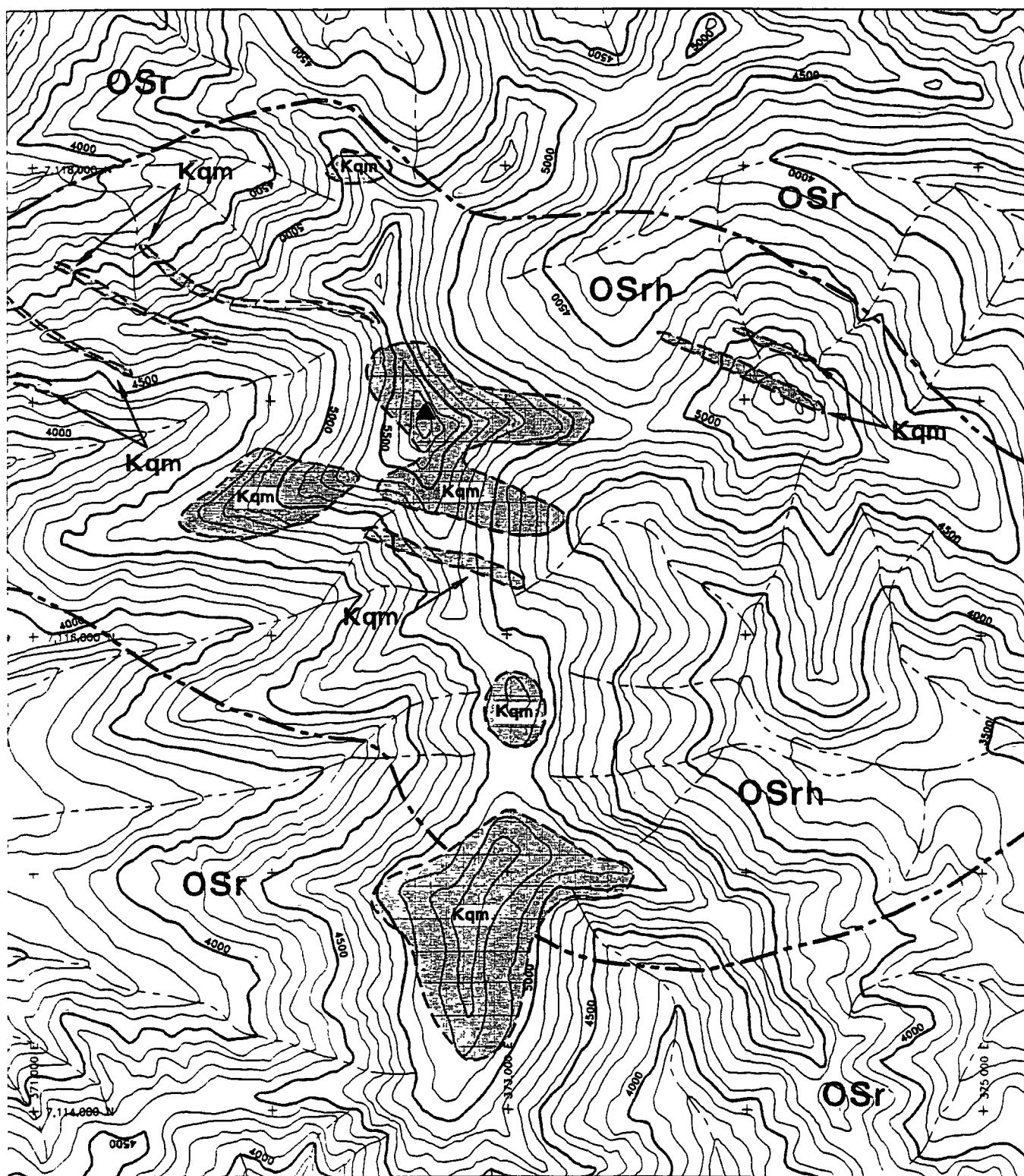
The Ida property was mapped in detail by geologists with Rio Tinto Canadian Exploration Ltd. and the following draws heavily on the referenced reports. The property is underlain by a sequence of Ordovician-Silurian Road River Group sedimentary rocks which have been intruded by Cretaceous quartz monzonite stocks.

Within the claim block, the exposed Road River Group consists of interbedded black to green chert, black to grey argillite, graptolitic shale, quartzite, and rare chert pebble conglomerate. Three distinct sedimentary units were mapped by Riocanex and the oldest unit was defined by its fossil remains of the lower Silurian graptolite found in a thin shale bed. This oldest unit contained turbidite sequences up to 20 m thick and the entire unit was mapped as sandstone, quartzite, siltstone, minor chert and black shale. A middle unit up to 150 m thick was comprised of chert with minor siliceous shale and mudstone. The youngest was a non-siliceous unit of siltstone, mudstone, shale, and minor limestone with an estimated thickness of 50 to 100 m. This sedimentary package has been asymmetrically folded into a series of syncline/anticlines oriented along a north-west trending axis.

The Road River sedimentary units have been intruded by a Cretaceous monzonite which is exposed as three stocks and several east-west trending related dykes (Figure 6). The resistant quartz monzonites form the prominent north-south ridge of the claim block and underlie the highest point found in the area. The stocks are all less than 600 m² and have equigranular cores which become porphyritic near the contacts with the surrounding sedimentary rocks. The intrusives contain 5-10% mafic minerals, predominantly biotite with local areas of hornblende. Feldspar phenocrysts up to 2 cm compose 10 to 20% of the intrusive unit. Areas of tightly spaced joint sets (oriented 080-170° and 030-070°) and rare quartz veining up to 2 cm were found in the monzonite stocks.

The intrusive stocks and dykes have thermally metamorphosed the shale and siltstone (unit OSrh on Figure 6) adjacent to the stocks. Proximal to the intrusive units, a fine grained biotite hornfels occurs with a purplish-brown colour, trace to 5% pyrrhotite, lesser arsenopyrite and rare chalcopyrite.

The stocks and dykes exposed on the Ida property have a strong east west (90° - 110°) trend which is the same structural and mineralized trend at Panorama Ridge and Brewery Creek. All three properties lie along a 070° trend that extends from Brewery Creek through Panorama Ridge and on to the Ida property. The Clear Creek, Red mountain and Dublin Gulch properties lie along a parallel 070° trend to the south. Murphy and Heon, 1994 discuss an ENE trending fracture zone that hosts mineralized breccia parallel and along strike with the McQuesten antiform which defines the McQuesten Mineral Belt, they postulate a conjugate set of fracture zones trending 070° and 160°.



LEGEND

CRETACEOUS

Kqm biotite quartz monzonite

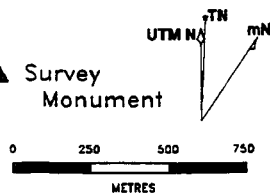
ORDOVICIAN-SILURIAN ROAD RIVER GROUP

OSr chert, argillite, quartzite, conglomerate

OSrh hornfelsed chert, argillite, quartzite, conglomerate

--- limit of hornfels

▲ Survey Monument



ORINOCO GOLD INC.

IDA-ORO CLAIMS PROPERTY GEOLOGY

Aurum Geological Consultants Inc

SCALE 1:25,000 DATE October 1995
N.T.S. 116 A/4 DRAWN LCP Consult FIGURE 6

A late series of argillically altered porphyritic dykes are poorly exposed in recessive notches along the ridge spines and are generally < 2 m wide oriented 070° to 110°. This unit is distinctly bleached with rounded quartz phenocrysts in a fine grained kaolinitized matrix. Geological mapping on the Ida property (McClintock, 1981a & 1981b) shows fold axis and faults that trend between 070° and 110°.

Areas of tourmaline breccia at the intrusion margin are common and a pink axinite has been noted in places. Both the tourmaline and axinite reflect the primary high boron content of the intrusion. Tourmaline breccias are found at Clear Creek and Red Mountain but do not appear to be a primary control for gold mineralization. At the Ida property, McClintock (1981b) states that "No relationship exists between the intensity of quartz tourmaline alteration and gold-grade."

1995 EXPLORATION RESULTS - Panorama Ridge

Introduction

The 1995 work program on Panorama Ridge consisted of gridding, mapping, soil and rock sampling, and 364 m of helicopter supported Kubota back-hoe trenching. A crew of two soil samplers completed the soil grid between July 15-22 and trenching, mapping, and rock sampling was completed between July 22-August 15. A total of 431 soil samples, 48 rock grab samples, and 210 continuous chip samples were collected from 10 trenches.

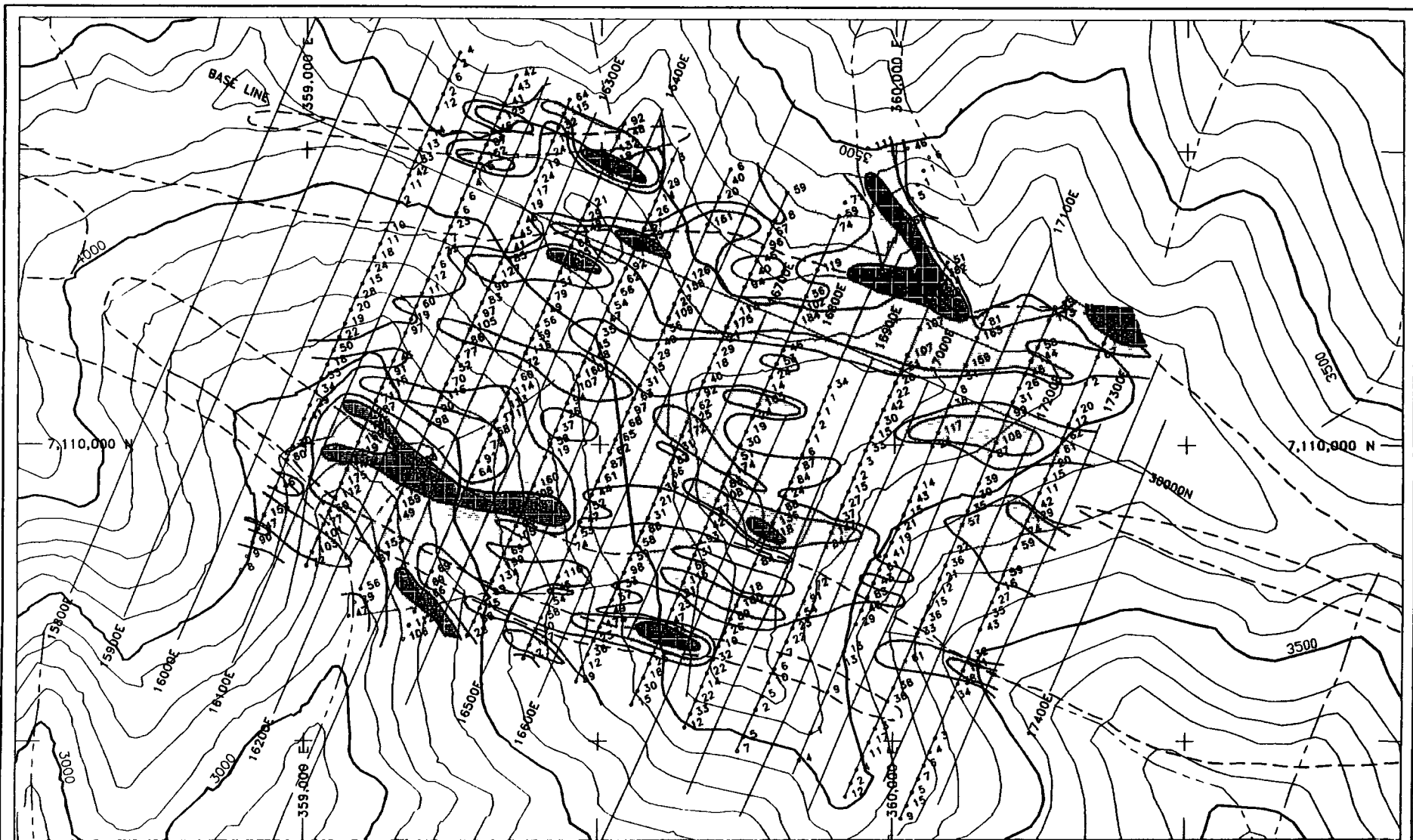
Samples were analyzed at Min-En Laboratories Ltd., for gold plus 31 element ICP. Twenty-four samples were screened to -35, -80 and -200 mesh and each size fraction was fire assayed for gold. The results showed that the gold values reported for each size fraction of soil were very similar.

Soil Grid

Twelve line kilometres of grid were established at 100 m spaced lines with 25 m stations. The grid lines were placed between existing Noranda grid lines established during their 1988-90 work programs. In total, 421 soil samples were collected from the B and C horizons. The soil profile consists of 0.5 to 1.5 m of B horizon sandy brown loam over a C horizon of clay altered limonitic bedrock colluvium. Results from the soil sampling program confirmed the anomalies reported by Noranda and also significantly upgraded the magnitude of the anomalies. The average value for gold in soils from 423 samples collected by Aurum was 72 ppb Au. For the Noranda samples collected over the same area, the average was 48 ppb Au.

Figures 7-10 show contoured soil geochemical results for Au, As, Bi, and Sb. All four elements display coincident anomalies over the area underlain by the quartz monzonite intrusion. The contoured soil geochemistry can be interpreted as having a single 070° trend or as two or more 100-110° trends. The contoured data appears to show very little down slope dispersion and cross-cuts topography. A prominent closely spaced joint set and sheeted red iron oxide stained quartz veins both have prominent 085-100° trending strikes which are reflected in the strong east west trend to the soil anomalies. The coincident soil geochemical anomaly measures 1500 m by 400 m.

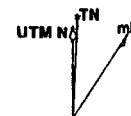
Because of the thick B horizon soil developed over most of the property, the anomalous soil data, especially those areas with coincident Au, As, Bi, and Sb, must be considered as significant and probably representative of underlying bedrock mineralization. In the authors experience, the magnitude of soil sample results over Fort Knox style mineralization is normally much lower than results obtained from sampling fresh exposed outcrop beneath the soil anomalies.



LEGEND

- elevation contour
Interval (100 feet)
- 1995 soil grid line
- Soil Sample Location
- AU ppb
- granodiorite, quartz monzonite

- Au > 50 ppb
- Au > 100 ppb
- Au > 200 ppb

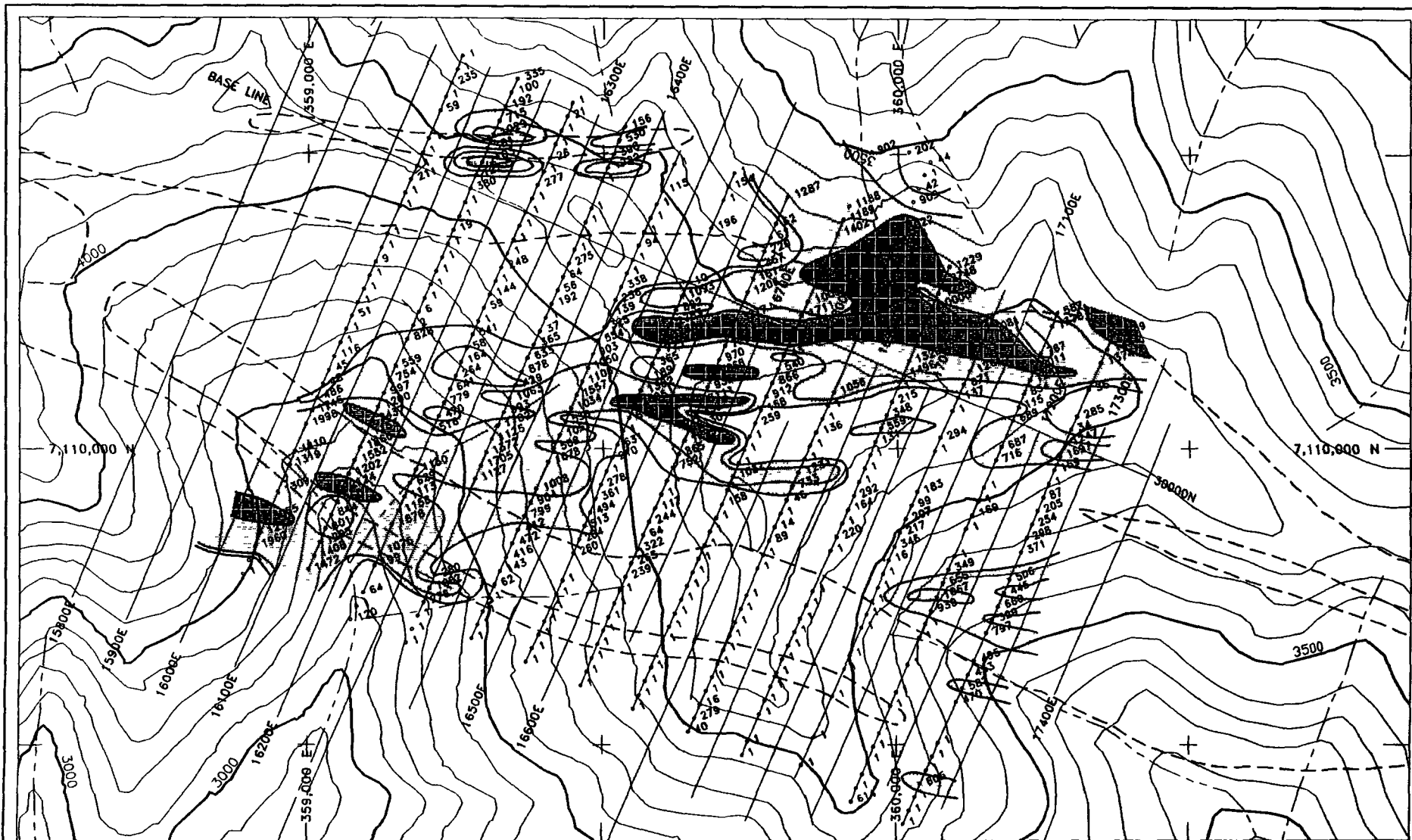


ORINOCO GOLD INC. AUS CLAIMS

PANORAMA RIDGE 1995 SOIL GEOCHEMISTRY AU

Aurum Geological Consultants Inc.

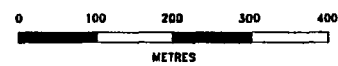
SCALE 1 10,000 DATE: August 1995
NTS: 116 A/4 DRAWN: LCP Consult FIGURE 7



LEGEND

1500 — elevation contour
 Interval (100 feet)
 —•—•— 1995 soil grid line
 o Soil Sample Location
 o 106 AS ppm
 - - - granodiorite, quartz monzonite

[White Box] As > 500 ppm
 [Light Gray Box] As > 1000 ppm
 [Dark Gray Box] As > 2000 ppm

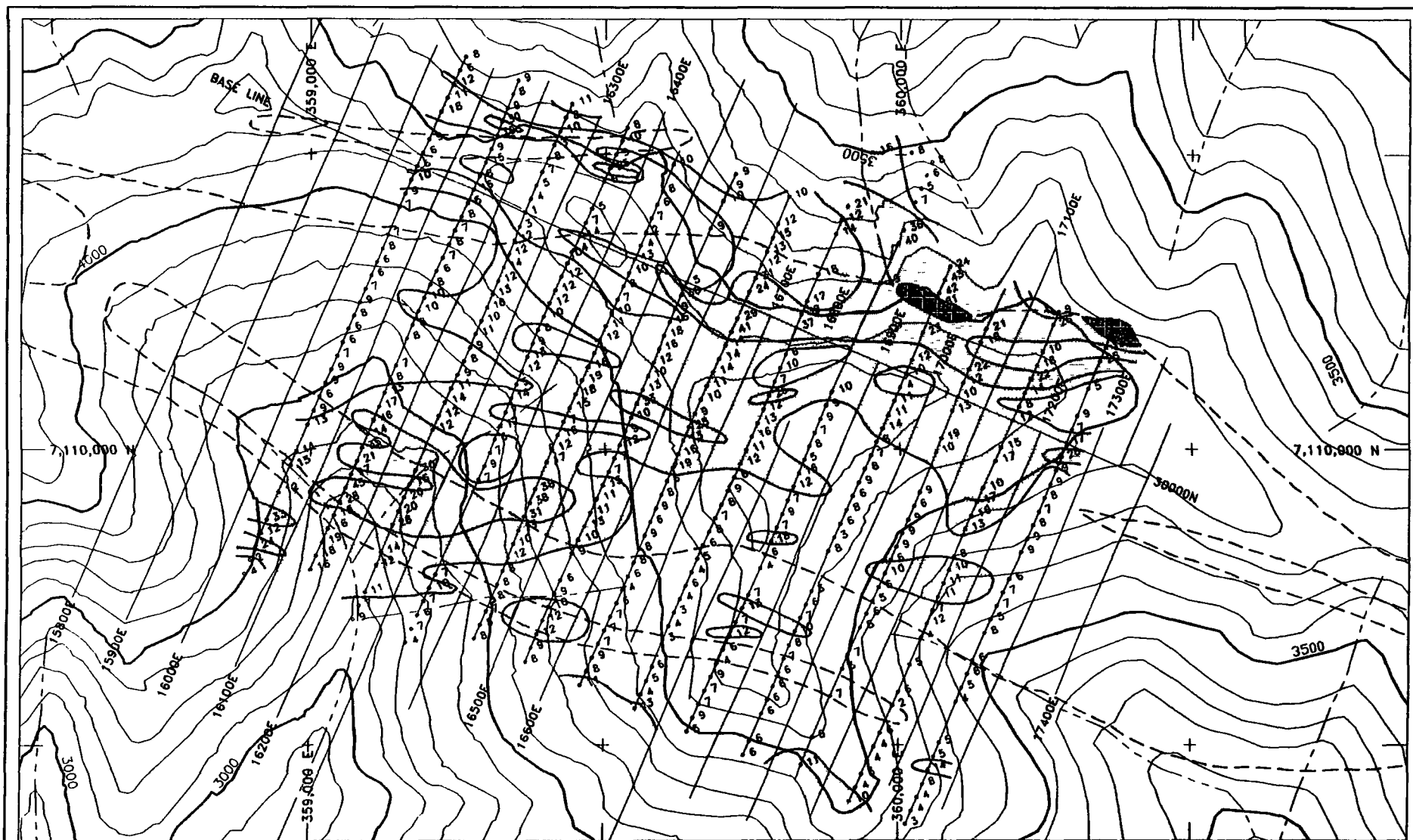


ORINOCO GOLD INC.
AUS CLAIMS

PANORAMA RIDGE
1995 SOIL GEOCHEMISTRY
AS

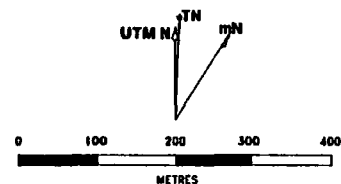
Aurum Geological Consultants Inc.

SCALE: 1	10,000	DATE August 1995
N.T.S.: 116 A/4	DRAWN: LCP Consult	FIGURE 8



LEGEND

- | | | | |
|--|--|--|-------------|
| | elevation contour
Interval (100 feet) | | Bi ≥ 10 ppm |
| | 1995 soil grid line | | Bi ≥ 20 ppm |
| | Soil Sample Location | | Bi ≥ 50 ppm |
| | Bi ppm | | |
| | granodiorite, quartz monzonite | | |



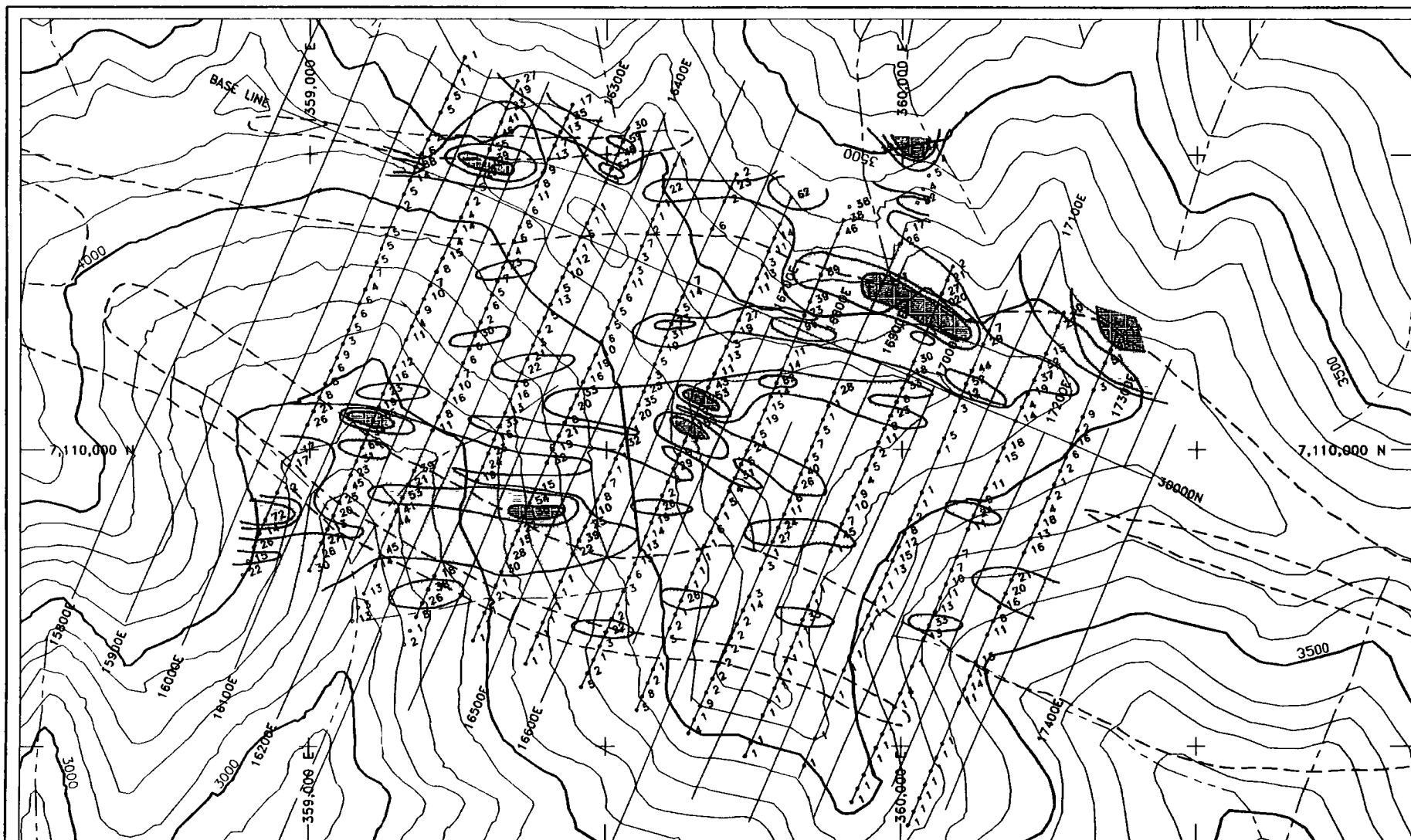
ORINOCO GOLD INC.
AUS CLAIMS

PANORAMA RIDGE 1995 SOIL GEOCHEMISTRY BI

Aurum Geological Consultants Inc.

SCALE: 1 10,000	DATE: August 1995
NTS: 116 A/4	DRAWN: LCP Consult

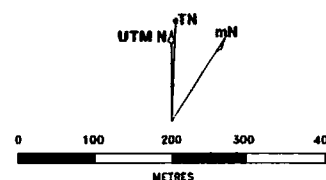
FIGURE 9



LEGEND

- elevation contour interval (100 feet)
- 1995 soil grid line
- Soil Sample Location
- SB ppm
- granodiorite, quartz monzonite

- Sb > 20 ppm
- Sb > 50 ppm
- Sb > 100 ppm



**ORINOCO GOLD INC.
AUS CLAIMS**

PANORAMA RIDGE 1995 SOIL GEOCHEMISTRY SB

Aurum Geological Consultants Inc.

SCALE: 1 10,000 DATE August 1995
NTS - 116 A/4 DRAWN: LCP Consult FIGURE 10

Rock Sampling

Figure 12 is a compilation of all 1995 rock samples collected on Panorama Ridge as well as all prior Noranda samples that returned greater than 300 ppb Au. It is noteworthy that almost all anomalous samples are from within the intrusion and are localized along a similar trend to the soil geochemical anomalies. Most surface rock grab samples were collected from resistant outcrops and returned relatively low Au values (Figure 12) in comparison to trenching samples collected from altered bedrock in the same area. This fact is important because there is very minimal exposure of the altered portions of the intrusion and the surface grab samples do not reflect the anomalies that have been located by trenching in covered areas.

Trenching

Approximately two weeks were spent excavating 10 trenches. The area targeted for trenching was a prominent recessive gully cutting through the centre of the intrusion. Outcrops of quartz monzonite on the ridge above this gully displayed a sufficient density of east-west trending quartz veins and closely spaced joint sets to postulate a covered structure. The 070° to 100° trend is common to all Fort Knox style occurrences in this area of the Yukon. Prior trenching by Noranda was mostly located on ridge tops or over hornfelsed metasediments. The best results reported by Noranda was 1673 ppb Au over 2 m in Trench 7. The sample was taken from hornfelsed sediments near the northern contact of the intrusion.

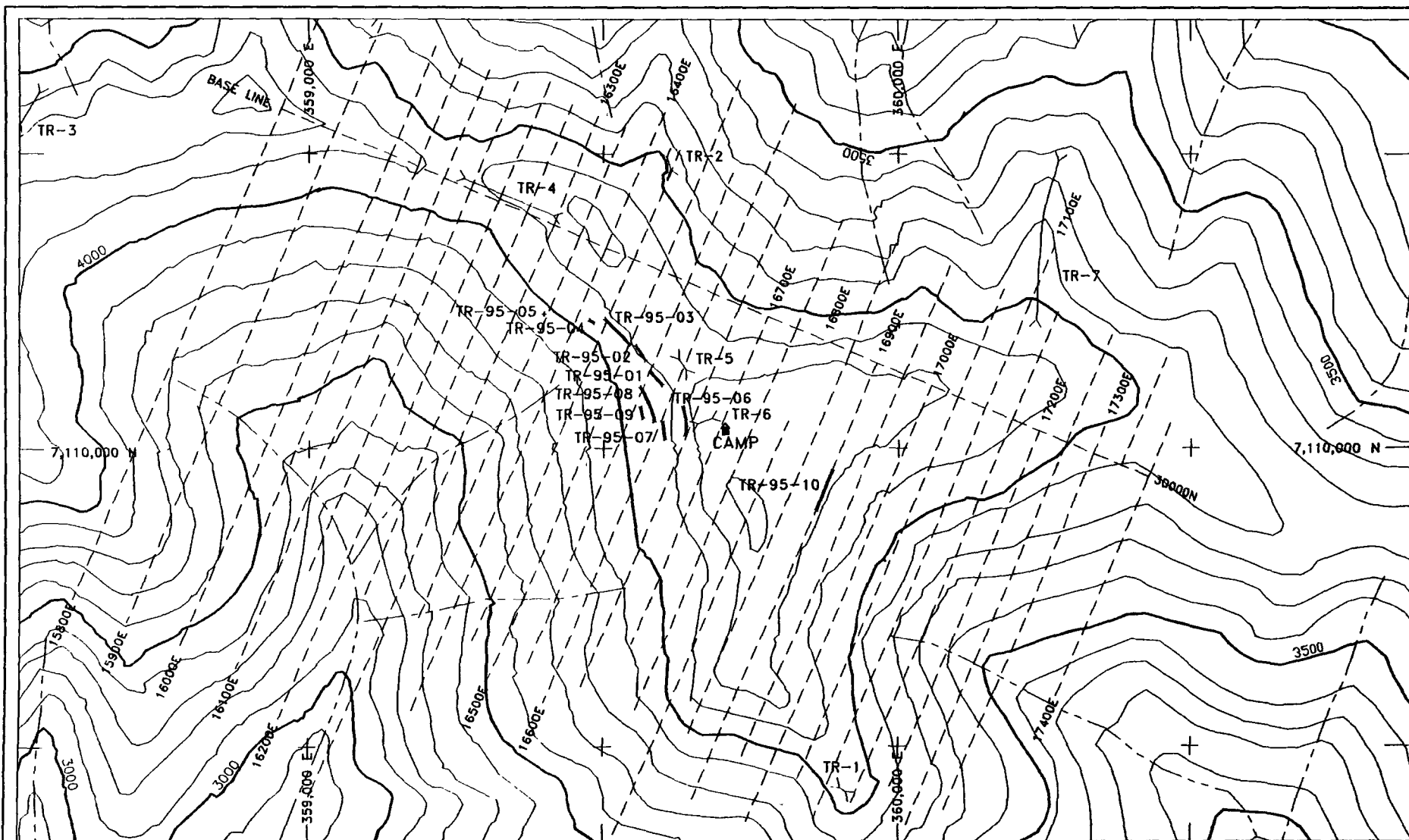
In 1995, ten trenches totalling 364 m were excavated on the south west side of Panorama Ridge (Figure 11). All trenches except Trench 95-10 were on a relatively steep > 20° slopes. The average depth of trenches was 2 m and most failed to reach bedrock. A thick 0.5 m to 1.5 m B horizon soil was encountered in most trenches and it was underlain by variably limonitized red-yellow coloured gruss (altered granite) and colluvium. In places the only way to recognize the altered material as *in situ* bedrock was by the presence of red, iron oxide stained, quartz veins that had a consistent 085° trend with steep dips. In places, fresh biotite quartz monzonite was found adjacent to completely clay altered quartz monzonite separated by a single joint surface. There appears to be a strong primary clay alteration related to the mineralizing fluids which was subsequently overprinted by a supergene alteration due to downward percolating ground water.

Trench 95-08 (Figure 13) exposed bedrock that was completely clay altered and contained numerous 1-4 cm red stained quartz veins. A 1 m chip sample from the north wall of Trench 95-08, returned 11971 ppb Au, 21.1 ppm Ag, 1837 ppm As, 534 ppm Bi, and 105 ppm Sb over an area of extremely altered quartz monzonite with red, iron oxide stained, quartz veins. The south wall of Trench 95-08 was re-sampled and returned 3860 ppb Au, 21.3 ppm Ag, 3358 ppm As, 409 ppm Bi and 212 ppm Sb. Both samples are

from an area of red quartz veins in strongly altered biotite monzonite. The higher value on the north side of the trench was sampled over less altered and weathered material than the sample on the south wall of the trench. Trench 95-09 (Figure 14) uncovered a small area of outcrop at the south end of the trench. The outcrop consisted of highly altered quartz monzonite cut by a 20-30 cm wide vein containing arsenopyrite, pyrite, and stibnite with scorodite. A one meter chip sample over this area returned 1235 ppb Au, >10,000 ppm As, 10,000 ppm Sb, 9.8 ppm Ag, and 827 ppm Pb.

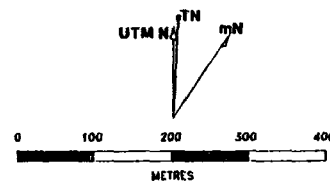
Other trenches either failed to reach bedrock or exposed less altered quartz monzonite. Trenches 95-01, 95-02, and 95-03 returned values of 706 ppb Au, 1000 ppb Au and 422 ppb Au respectively and these samples were also anomalous in Ag, As, Bi, and Sb.

The 1995 trenching was located within the >50 ppb Au soil anomaly contour yet samples returned highly anomalous results from quartz veined and altered quartz monzonite. This suggests that the thick B horizon soil cover produces only weak anomalous indications of underlying mineralization in bedrock. A sample of the B horizon was collected and characterized by a soils scientist (M. Desforges, pers. comm.) who suggested that it was a 50,000 to 1,000,000 year old soil developed in place. This supports the conclusion that the thick B horizon soil probably masks underlying bedrock gold anomalies.



LEGEND

	elevation contour interval (100 feet)		Noranda Trench
	soil grid line	TR-10	
	1995 trench		

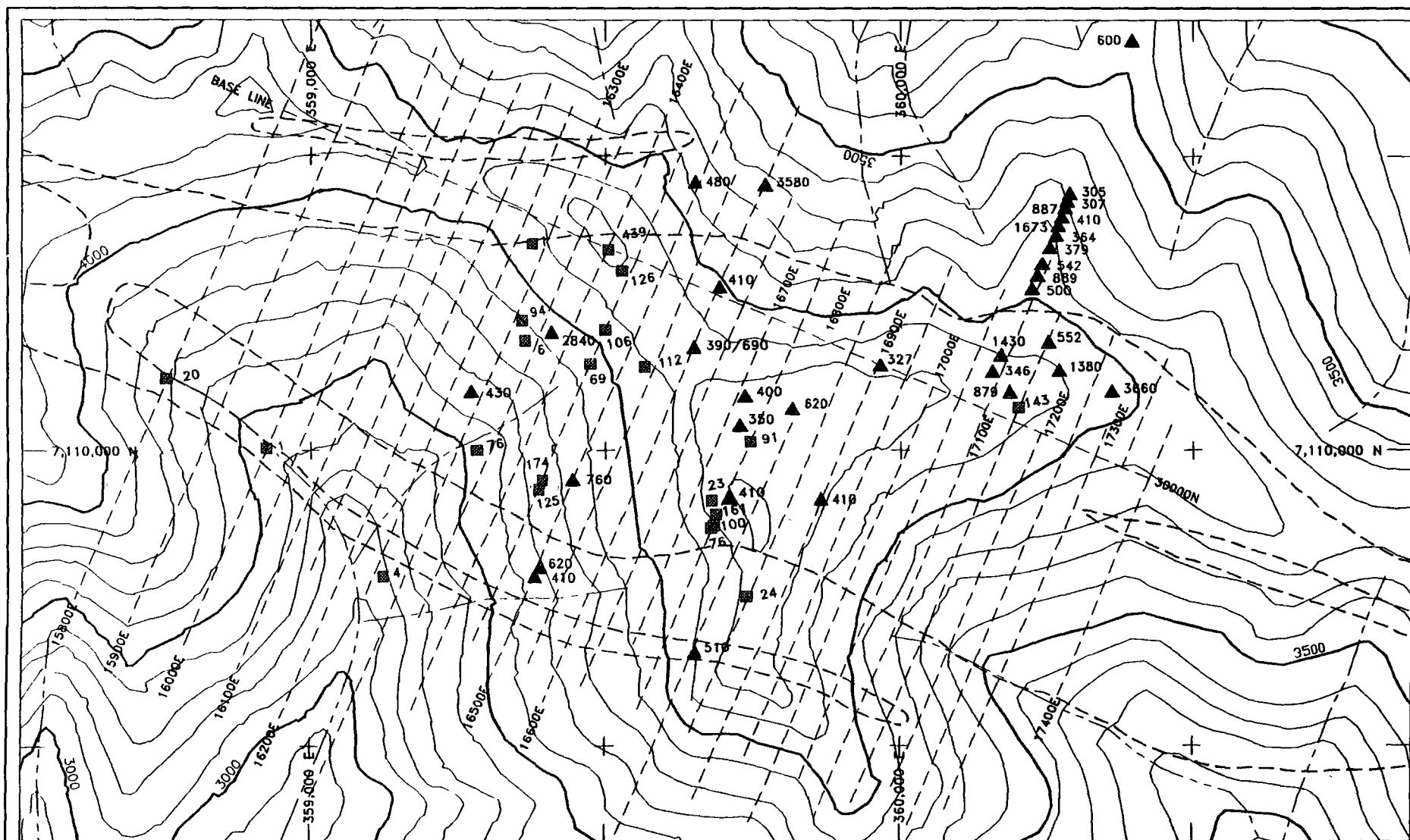


ORINOCO GOLD INC.
AUS CLAIMS

PANORAMA RIDGE 1995 TRENCH LOCATIONS

Aurum Geological Consultants Inc.

SCALE: 1	10,000	DATE: August 1995
NTS: 116 A/4	DRAWN: LCP Consult	FIGURE 11



LEGEND

1500
 106
 106

elevation contour
 Interval (100 feet)

1995 soil grid line

1995 Aurum Rock Sample Location
 AU ppb

1988, 1990, 1991 Noranda Rock Sample Location
 AU ppb

intrusive contact

UTM N
 TN
 MN

0 100 200 300 400
 METRES

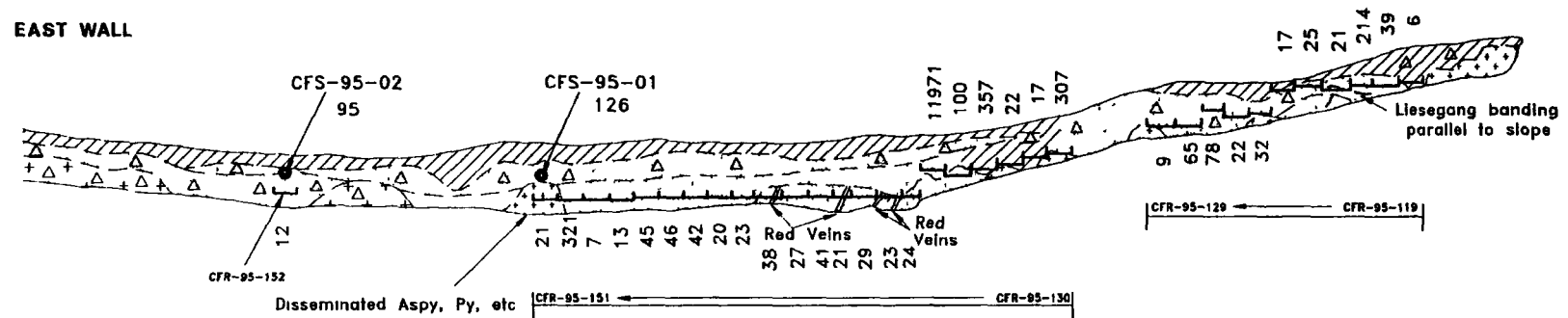
ORINOCO GOLD INC.
 AUS CLAIMS

PANORAMA RIDGE
 1995 ROCK GEOCHEMISTRY
 AU

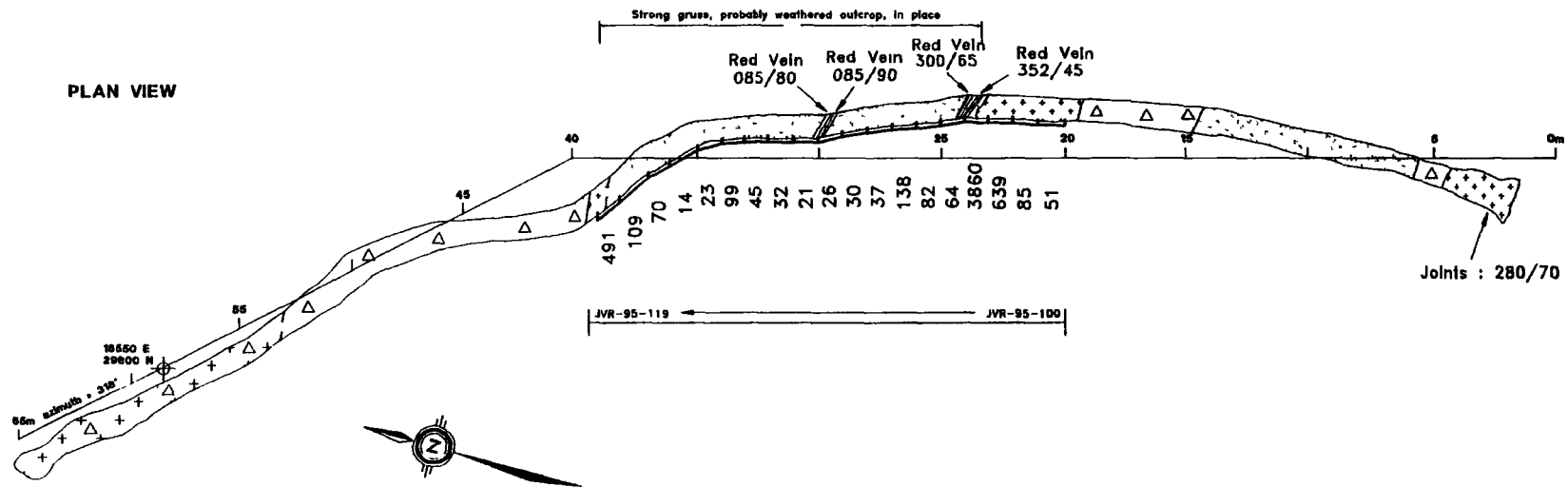
Aurum Geological Consultants Inc.

SCALE: 1 : 10,000
 DATE October 1995
 N T S : 116 A/4
 DRAWN: LCP Consult
 FIGURE 12

EAST WALL



PLAN VIEW



LEGEND

-  B Horizon Soil
-  Red-yellow Clay, Gruss
-  Blocky and Angular Subcrop
-  Rocks in Place; Outcrop

-  Liesegang Banding
-  Trench Assay Sample
AU ppb
-  Trench Grab Sample
AU ppb

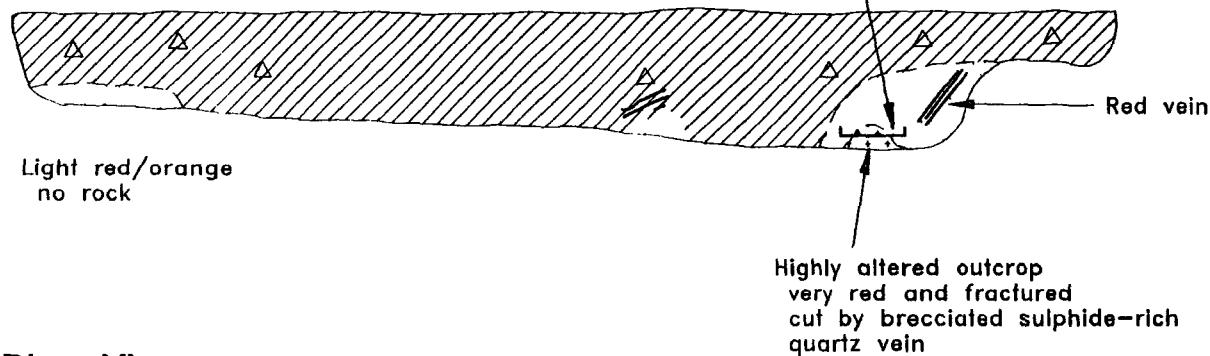
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AUS CLAIMS

PANORAMA RIDGE
1995 TRENCH 95-08
GEOLOGY and SAMPLES

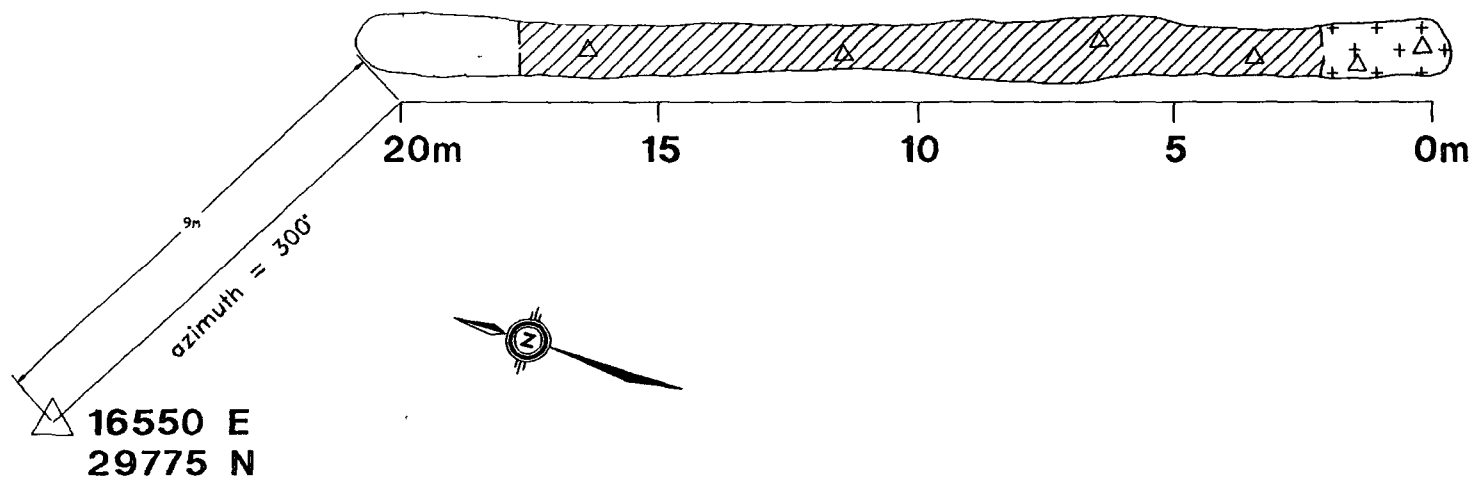
Aurum Geological Consultants Inc.

SCALE: 1 300 DATE: October 1998
NTS: 116 A/4 DRAWN: LCP Consult FIGURE 13

East Wall



Plan View



LEGEND

-  B Horizon Soil
-  Red-yellow Clay; Gruss
-  Blocky and Angular Subcrop
-  Rocks In Place; Outcrop

-  Liesegang Banding
-  Trench Assay Sample
46 AU ppb

**ORINOCO GOLD INC.
AUS CLAIMS**

PANORAMA RIDGE

1995 TRENCH 95-09

GEOLOGY and SAMPLES

Aurum Geological Consultants Inc.

SCALE 1 150	DATE: October 1995
NTS 115 A/4	DRAWN: LCP Consult

FIGURE 14

YUKON ENERGY, MINES
& RESOURCES LIBRARY
P.O. Box 2763
Whitehorse, Yukon Y1A 2C6

1995 EXPLORATION RESULTS - Ida

The 1995 work program on the Ida property consisted of rock and soil sampling with an objective of evaluating the potential for intrusive hosted gold mineralization on the property.

A total of 218 rock and 53 soils were collected during the 13 day helicopter supported property work completed on August 5 & 6, and September 3 to September 13, 1995. All samples were analyzed at Min-En Laboratories Ltd. for gold plus 31 element ICP, including As, Sb, Bi, Cu, Pb, and Zn.

Soil Sampling

Two contour soil lines were completed at 50 m stations, in cirques north of the 5864' rock cairn located in the centre of the claim block. Soil development is poor and large portions of the property are covered by intrusive talus which inhibits conventional soil sampling techniques. Contour soil lines completed in 1995 returned a high values of 1250 ppb Au in soils with three additional samples over 500 ppb Au over a 125 m distance (See upper left Figure 15). Significant results (>500 ppb Au) from Riocanex, Noranda and Aurum soil sampling are shown on Figures 15 & 16.

Rock Sampling

A total of 218 rock samples were collected in 1995. Figures 15 & 16 show a compilation of 1995 and previous Riocanex and Noranda rock sample results greater than 1000 ppb Au. There are three main areas of interest on the Ida property, from north to south these are:

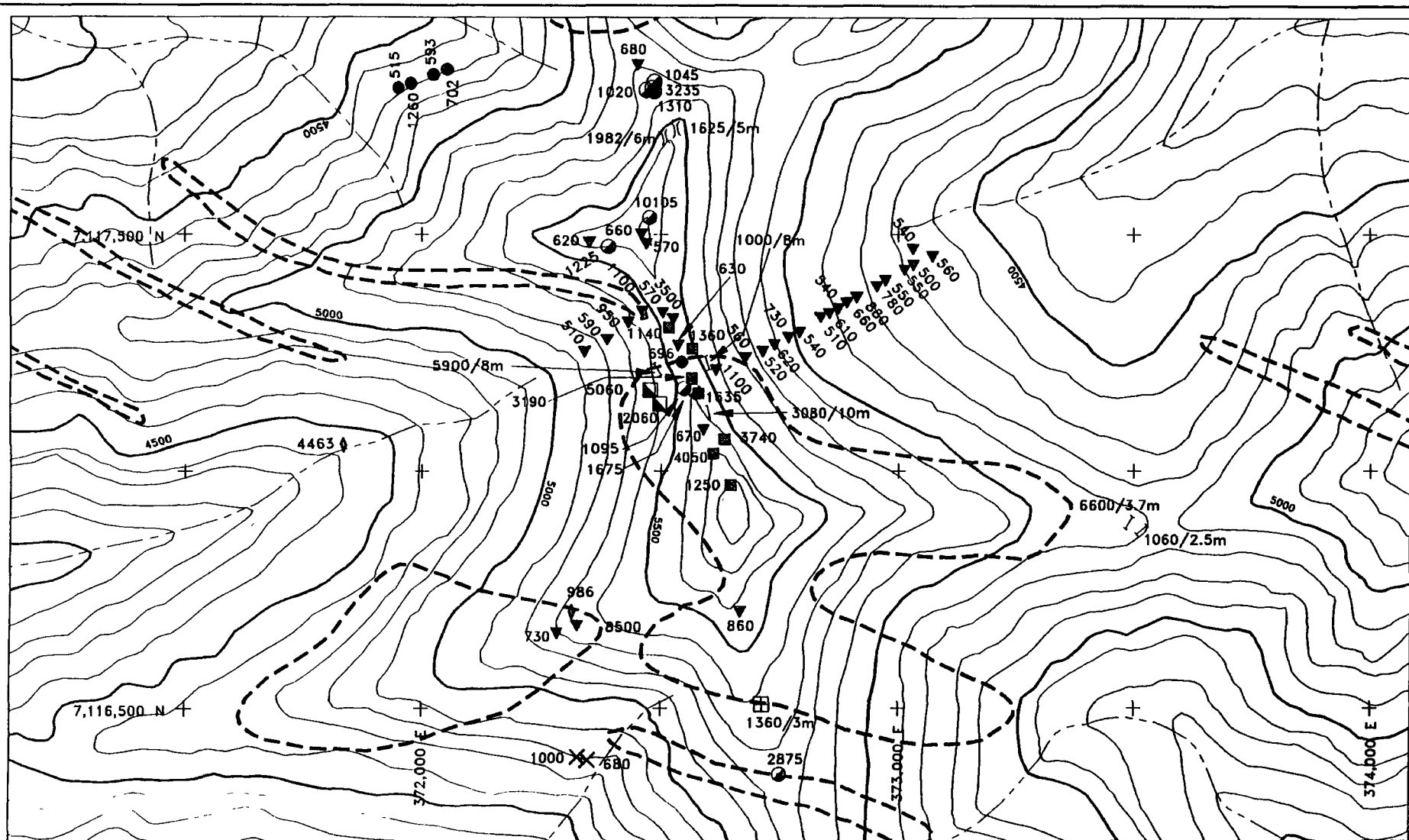
1. An 800 m by 300 m area that extends north-south along the central ridge with numerous > 1000 ppb Au in rock and includes Riocanex and Noranda results of 5900 ppb Au over 8 m, 3080 ppb Au over 10 m, 1982 ppb Au over 6 m, 1625 ppb Au over 5m and 1000 ppb Au over 8m (Figure 15). Six samples collected within this area in 1995 returned gold values between 1140 and 4050 ppb Au, four of these were from the intrusion and two from the contact zone.
2. A 600 m by 300 m area in the centre of the property that contains anomalous gold in rock up to 3820 ppb Au over 5 m and 1150 ppb Au over 10 m, and one rock sample that returned 13,540 ppb Au (Figure 16). This area extends from just south of the northern intrusion to the central intrusion. Gold values occur in both the intrusion and within the hornfelsed sedimentary rocks.

3. The southern intrusion (Figure 16) was sampled during one reconnaissance traverse; three of four samples collected returned between 2065 and 9270 ppb Au in rock.

Samples collected on the property in 1995 returned values up to 4050 ppb Au from quartz monzonite with a 2 mm rusty quartz stringer and trace arsenopyrite. This stock contained few quartz stringers and the sulfides consisted of arsenopyrite > > pyrite > pyrrhotite > chalcopyrite, in local concentrations up to 5% overall. Sulfides occurred most commonly as disseminations and were locally concentrated along dry fracture sets near the edges of the intrusion.

The circular stock in the central part of the property directly south of the 5864' rock cairn returned significant results of 1430 and 4840 from arsenopyrite rich equigranular monzonite with narrow quartz veins. The large under-explored stock in the south-central portion of the property also yielded significant 1995 gold values up to 9270 ppb Au. Results of this magnitude from samples of the intrusive units have not been reported prior to the 1995 exploration work.

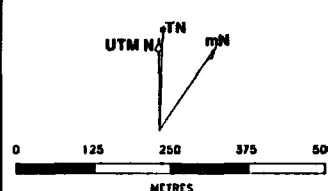
Bismuth and arsenic correlate well with the significant 1995 gold in rock sample results which supports the Fort Knox style exploration target. With these encouraging results further work is warranted on the Tombstone Suite plugs and dykes found on the Ida property.



LEGEND - AU ppb

- | | |
|----------------------------|-----------------------|
| ◆ Rio Canex Rock 1979 | ▼ Noranda Soil 1988 |
| [Rio Canex Rock Chip 1981 | ● Noranda Rock 1988 |
| ▣ Rio Canex Rock Chip 1981 | ★ Noranda Rock 1989 |
| I Rio Canex Trench 1981 | ⋈ Noranda Trench 1989 |
| × Noranda Soil 1987 | ■ Aurum Rock 1995 |
| ■ Noranda Rock 1987 | ● Aurum Soil 1995 |

--- intrusive contact



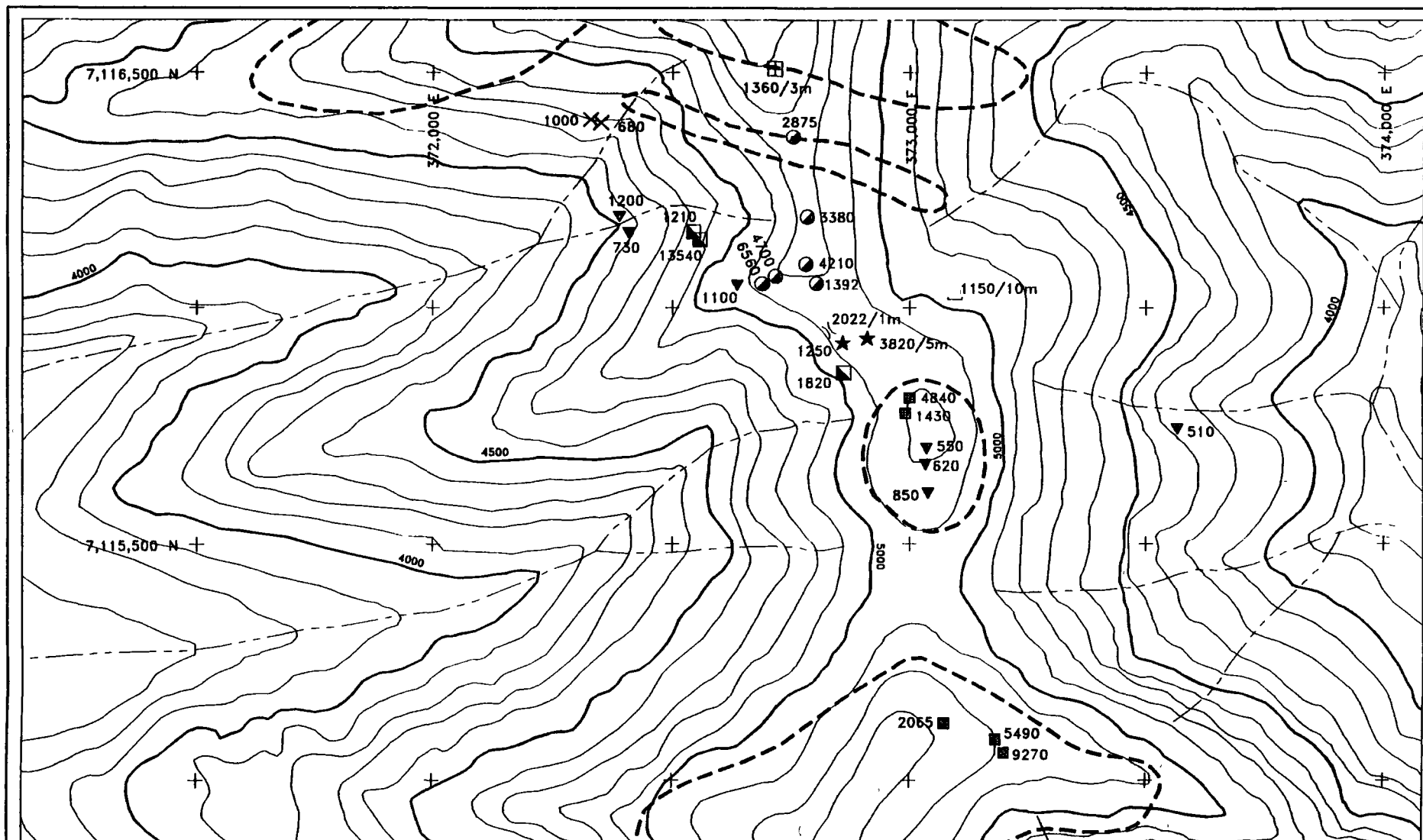
ORINOCO GOLD INC.

**IDA-ORO CLAIMS (North)
ROCK & SOIL GEOCHEMISTRY
AU**

Aurum Geological Consultants Inc.

SCALE: 1 : 12,500	DATE October 1995
N.T.S.: 116 A/4	DRAWN: LCP Consult

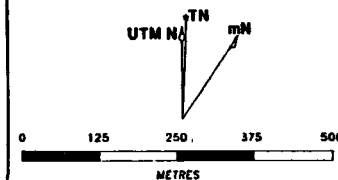
FIGURE 15



LEGEND - AU ppb

- | | |
|----------------------------|-----------------------|
| ◆ Rio Canex Rock 1979 | ▼ Noranda Soil 1988 |
| [Rio Canex Rock Chip 1981 | ● Noranda Rock 1988 |
| ▣ Rio Canex Rock Chip 1981 | ★ Noranda Rock 1989 |
| I Rio Canex Trench 1981 | × Noranda Trench 1989 |
| × Noranda Soil 1987 | ■ Aurum Rock 1995 |
| ■ Noranda Rock 1987 | ● Aurum Soil 1995 |

--- intrusive contact



ORINOCO GOLD INC.

IDA-ORO CLAIMS (South) ROCK & SOIL GEOCHEMISTRY AU

Aurum Geological Consultants Inc

SCALE: 1 : 12,500	DATE: October 1995
NTS, 116 A/4	DRAWN: LCP Consult
FIGURE 16	

CONCLUSIONS

The Panorama Ridge and Ida properties are intrusive related gold occurrences associated with the 89-95 Ma Tombstone Suite quartz monzonite intrusions. Both properties host gold associated with arsenopyrite, pyrite, and bismuthinite in narrow veins and dry fractures. A late brittle structure component controls the location of the jointing and veining in the intrusives, and in brecciated zones within the hornfelsed sedimentary rocks. On both properties, the best gold values have been found within the intrusions.

The Panorama Ridge property is mostly covered by a thick 0.5 - 1 m B horizon soil which masks underlying bedrock mineralization. At the Ida property there is no evidence of this soil horizon and most of the areas samples were underlain by exposed bedrock or felsenmeer. This fact should be considered when comparing the two properties.

The 1995, mapping, trenching, and geochemistry produced positive results that confirmed and enhanced previous exploration results reported by Riocanex and Noranda between 1978 and 1991.

On Panorama Ridge, a strong coincident east-west trending Au, As, Bi, Sb, soil geochemical anomaly is located directly over the quartz monzonite. The anomalies are coincident with a strong east-west brittle fracture zone that displays a closely spaced jointing set with thin quartz veins in altered quartz monzonite. Trenching in areas just within the >50 ppb Au in soil anomaly has indicated strongly altered and veined quartz-monzonite that returned up to 11 g/t gold over 1.0 m. Most soil geochemical anomalies on the property remain untested and require detailed trenching and sampling. Although soil sampling is effective in outlining anomalous areas of the intrusion, the geochemical average for gold in rock can be significantly higher than in the soils. This is due to an older soil horizon developed above extremely altered bedrock, blocky talus, and colluvium. The leached C horizon appears to reflect the effects of a primary alteration related to the hydrothermal alteration overprinted by a supergene alteration caused by downward percolating surface water. The soil geochemistry from the leached B horizon does not appear to accurately reflect the soil and colluvium covered mineralized zones.

On the Ida property, anomalous gold is found in quartz monzonite and in hornfelsed iron rich sediments adjacent to the intrusion. Quartz veins and dry fractures in limonite altered quartz monzonite have returned values up to 9 g/t gold. The gold is geochemically associated with high As, Bi, Sb, +/- Hg, Pb, and Cu. Three areas on the Ida property contain significant gold values from within the intrusion and in the hornfelsed sedimentary rocks. These anomalous areas coincide with the north, central, and southern stocks. The southern stock, which is the largest on the property was not sampled by either Riocanex or Noranda but has returned significant gold analyses up to 9270 ppb Au from within the intrusion. One Noranda soil line sampled across the intrusion and returned three samples in the 100-300 ppb Au range.

Most prior exploration efforts focused on the hornfelsed zone outside the intrusion and the intrusions received less attention. With recent successful exploration for low grade bulk mineable gold at Brewery Creek, Dublin Gulch, Clear Creek and Red Mountain, the Panorama Ridge and Ida properties warrant a renewed exploration effort.

RECOMMENDATIONS

Results of surface exploration work carried out to date on the Panorama Ridge and Ida properties warrant additional exploration for Fort Knox style gold mineralization. The following success-contingent two-phase exploration program consisting of Phase I expenditures of \$150,000 at Panorama Ridge and \$150,000 at Ida, would if results are favourable be followed by a Phase II program estimated to cost \$250,000 at either the Panorama Ridge or Ida property depending on which property, based on the Phase I program results, shows the best potential for locating an economic gold resource.

Phase I - Panorama Ridge

1. Compile a 1:5,000 scale map of the entire property incorporating all available geological, geochemical, geophysical, and remote sensing data to better identify potential trenching or drill targets.
2. The high coincident Au, As, Bi, and Sb soil anomalies especially southwest of the 1995 trenching should be thoroughly evaluated by trenching and sampling. Back-hoe trenching, with the assistance of an air-track drill and explosives should be carried out where conditions permit. In particular the large 450 m by 100 m greater than 200 ppb gold in soil anomaly that extends from L16100E to L16500E at 29500N should be explored by trenching.
3. The prominent gully that extends down-slope of Trench 95-09 should be explored by trenching to further define and extend the mineralization located in Trenches 95-08 and 09. Since most of the 1995 trenches failed to reach bedrock, it may be advisable to mobilize a larger hoe to the property or expend greater effort to reach bedrock.
4. Continued exploration on the property should include reconnaissance and detailed mapping, prospecting, and soil and rock geochemistry (analyze for gold, arsenic, and bismuth) with an emphasis on recessive areas and gullies within the intrusion.
5. The area covered by Orin and Occo claims should be prospected and tested by silt, soil and rock sampling at sufficient density to locate any peripheral anomalies. Prospecting should be aimed at locating any unmapped or buried intrusions or reactive or porous sedimentary units that may be suitable sites for locating gold mineralization.

6. Claim tagging and surveying of key claims over important targets is recommended to determine possible claim fractions.
7. Although costs have not been included in this budget, the construction of a cat trail from the west side of the Brewery Creek property to Panorama Ridge should be considered. This would require a land use permit application.

The costs of the above recommended Phase I work program on the Panorama Ridge property are estimated as follows:

Phase I - Panorama Ridge (approximately 30 day program)

Back-Hoe trenching, trail construction:	\$25,000
Geology, prospecting, sampling:	\$30,000
Support costs (camp, truck, supplies):	\$15,000
Analytical:	\$25,000
Surveying and gridding:	\$10,000
Helicopter Support:	\$20,000
Report preparation and data compilation:	\$10,000
Contingencies:	<u>\$15,000</u>

Total Cost Phase I - Panorama Ridge \$150,000

Phase I - Ida

1. Detailed chip sampling and 5m x 5m panel sampling on the North, Central and South plugs and contact hornfels should be completed over the presently identified anomalous areas.
2. Due to the steep terrain at the Ida property, a small helicopter transportable back-hoe may have difficulty excavating trenches off of the main ridge. An alternate approach would be to fly a compressor and drill to the property to excavate blast trenches that expose fresh rock for detailed sampling. This method of sampling was successful in the early stages of exploration at the Dublin Gulch property.
3. The lower areas of the Ida property should be thoroughly prospected to identify any anomalous areas or un-mapped intrusions. As with the Panorama Ridge property, attention to reactive, porous, or structurally prepared sedimentary units should be emphasized.
4. Claim tagging and surveying of key claims over important targets is recommended to determine possible claim fractions.

The costs of the above recommended Phase I work program on the Ida property are estimated as follows:

Phase I - Ida Property (approximately 30 day program)

Back-hoe and blast trenching:	\$25,000
Geological mapping, & sampling:	\$25,000
Support costs (camp, truck, supplies):	\$15,000
Analytical:	\$25,000
Surveying and gridding:	\$10,000
Helicopter Support:	\$25,000
Report preparation and data compilation:	\$10,000
Contingencies:	<u>\$15,000</u>

Total Cost Phase I - Ida Property	\$150,000
--	------------------

Total Estimated Cost of Phase I - Panorama Ridge and Ida:	\$300,000
--	------------------

Phase II - Panorama Ridge and Ida Properties

A phase II program estimated to cost \$250,000 would be recommended if the results from Phase I on either the Panorama Ridge or the Ida property warrant follow up exploration. Phase II work would consist of the following:

1. Mobilize a light helicopter transportable diamond or reverse circulation drill to the best target on the property and commence a 1000 m drilling program.
2. A reverse circulation drill would be the preferred option because a larger diameter sample would be retrieved and experience from other similar deposit types has shown that the RVC results are commonly more accurate than core drilling.
3. Since the Ida property is further from access roads than Panorama Ridge and the topography at Ida is more severe, this must be considered when planning a phase II exploration program.

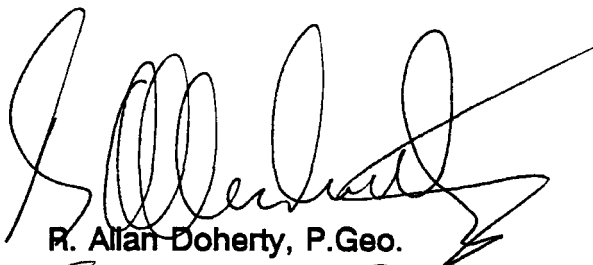
The costs for the above recommended Phase II exploration program are estimated as follows:

Phase II - Ida or Panorama Ridge Property (approximately 30 day program)

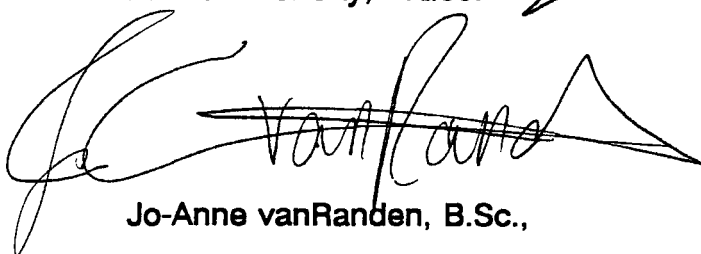
Core or Reverse Circulation Drilling (1000 m):	\$120,000
Geological Supervision, logging:	\$15,000
Support costs (camp, truck, supplies):	\$20,000
Analytical:	\$15,000
Helicopter Support:	\$50,000
Report preparation and data compilation:	\$10,000
Contingencies:	<u>\$20,000</u>

Total Cost Phase I - Ida Property **\$250,000**

Respectfully submitted,
Aurum Geological Consultants Inc.



R. Allan Doherty, P.Geo.



Jo-Anne vanRanden, B.Sc.,

October 27, 1995

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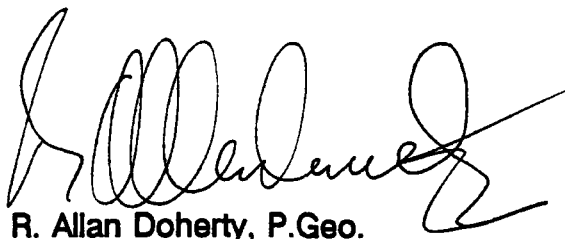
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STATEMENT OF QUALIFICATIONS (RAD)

I, R. Allan Doherty, with business address:
Aurum Geological Consultants Inc.
205 - 100 Main Street
P.O. Box 4367
Whitehorse, Yukon
Y1A 3T5

1. I am a geologist with AURUM GEOLOGICAL CONSULTANTS INC., 205 - 100 Main Street, P.O. Box 4367, Whitehorse, Yukon.
2. I am a graduate of the University of New Brunswick, with a degree in geology (Hons. B.Sc., 1977) and that I attended graduate school at Memorial University of Newfoundland (1978-81). I have been involved in geological mapping and mineral exploration continuously since then.
3. I am a member of the Association of Professional Engineers and Geoscientists of the Province of British Columbia, Registration No. 20564, and of the CIMM.
4. I supervised the 1995 work program and the preparation of this report on the Panorama Ridge and Ida properties which is based on data collected during property work in 1995 by Aurum Geological Consultants Inc. and on referenced reports written by Noranda Exploration Company Limited and Riocanex. I worked at Panorama Ridge between July 21-24, 28-31, August 5-6 and at the Ida property between September 12-13.
5. I have no direct or indirect interests in the properties or securities of Orinoco Gold Inc.
6. I consent to the use of this report by Orinoco Gold Inc., provided that no portion is used out of context in such a manner as to convey a meaning differing materially from that set out in the whole.



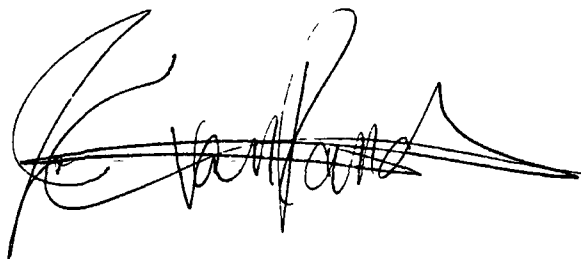
R. Allan Doherty, P.Geo.

October 27, 1995

STATEMENT OF QUALIFICATIONS (JvR)

I, Jo-Anne vanRanden, hereby certify that:

1. I am a geologist with AURUM GEOLOGICAL CONSULTANTS INC., 205 - 100 Main Street, P.O. Box 4367, Whitehorse, Yukon, Y1A 3T5.
2. I am a graduate of the University of British Columbia, with a degree in geology (B.Sc., 1989). I have been involved in mineral exploration continuously since 1982.
3. I am co-author of this report on the Panorama Ridge and Ida properties of Orinoco Gold Inc., which is based on my examination of the properties (September 02-10, 1995) and on referenced sources.
4. I have no direct or indirect interest in the properties or securities of Orinoco Gold Inc.
5. I consent to the use of this report by Orinoco Gold Inc., provided that no portion is used out of context in such a manner as to convey a meaning differing materially from that set out in the whole.

A handwritten signature in black ink, appearing to read 'Jo-Anne vanRanden', with a long horizontal flourish extending to the right.

October 27, 1995

Jo-Anne vanRanden, B.Sc.

STATEMENT OF COSTS

A. Fieldwork

A. Doherty, P.Geo., July 21-Sept. 15; 15 days @ 350/day:	\$5,250.00
B. Mann, P.Geo., Sept. 10-14; 5 days @ 350/day:	\$1,750.00
J. vanRanden, B.Sc., Sept. 2-14; 11 days @ 350/day:	\$3,850.00
S. Beauchamp, B.Sc., Sept. 2-14; 11 days @ 300/day:	\$3,300.00
L. Levesque, Prospector, Sept. 2-14; 11 days @ 280/day:	\$3,080.00
C. Fox, B.A., July 14-Sept. 14; 25 days @ 250/day:	\$6,250.00
O. Barton, B.Sc., Sept. 12; 1 day @ 250/day:	\$250.00
M. Desforges, B.Sc., Sept. 10-14; 5 days @ 250/day:	\$1,250.00
B. Sauer, Prospector, July 14-21; 8 days @ 300/day:	\$2,400.00

B. Analytical Costs

274 samples @ \$17.12 ea:	\$15,917.73
Freight charges:	\$1,725.14

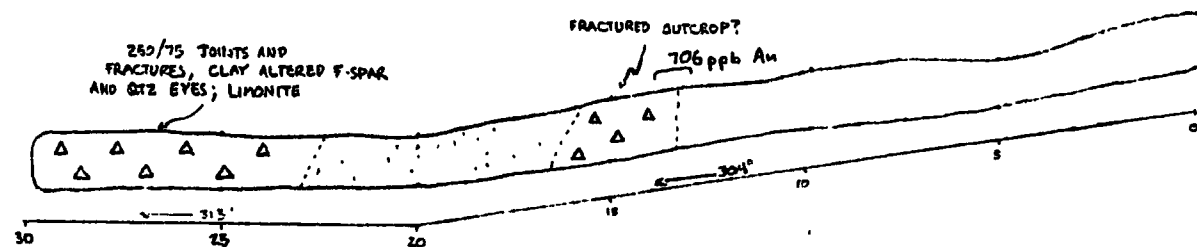
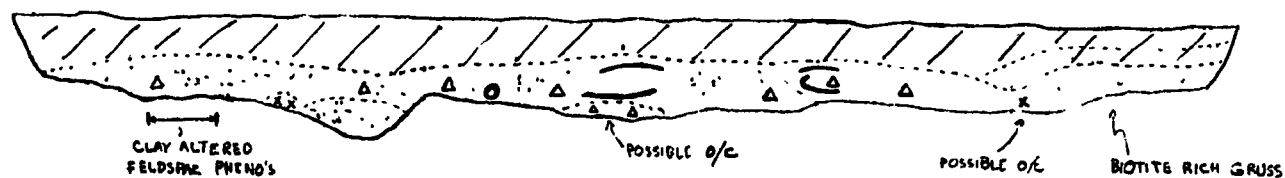
C. Supprt Costs

Helicopter (Trans North Turbo Air):	\$39,919.98
Hoe Rental:	\$4,000.00

D. Research & Report Preparation

AutoCad Drafting	\$2,875.01
Subtotal:	\$91,817.86
GST (7% of \$):	\$6,427.25
<u>Total:</u>	\$98,245.11

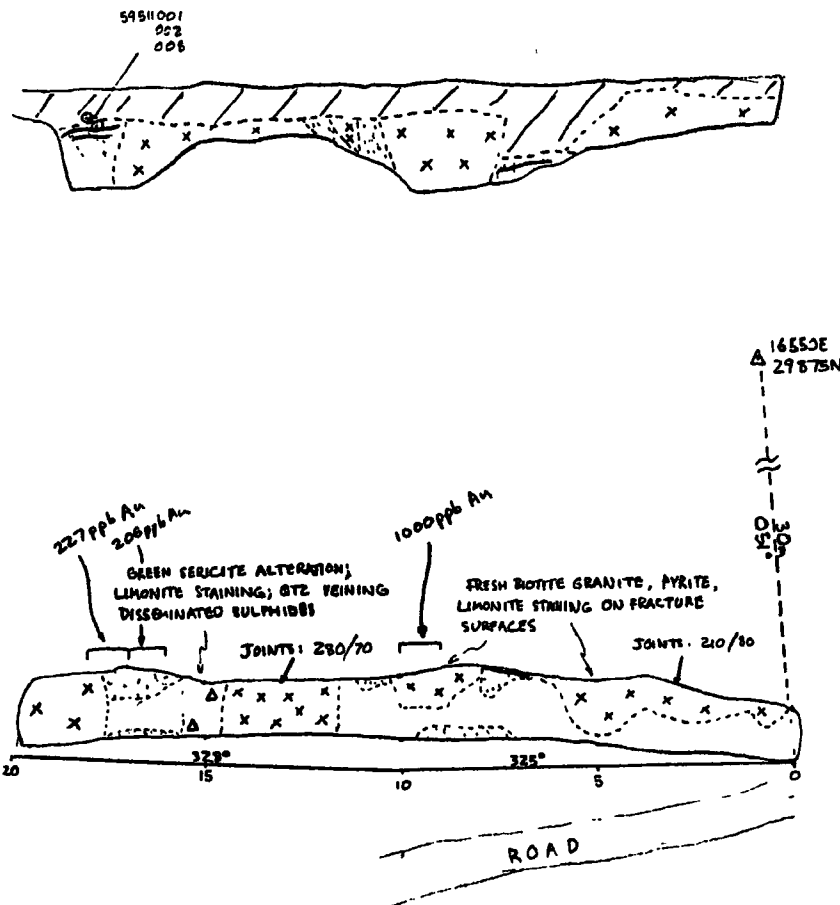
APPENDIX A
TRENCH MAPS 95-1 TO 95-7 & 95-10



TR-95-01

- /// B HORIZON SOIL
- x x OUTCROP, ROCKS IN PLACE
- △ BLOCKY AND ANGULAR SUBCROP
- /// RED YELLOW CLAY; GRUSS
- /// LEIZGANG BANDING

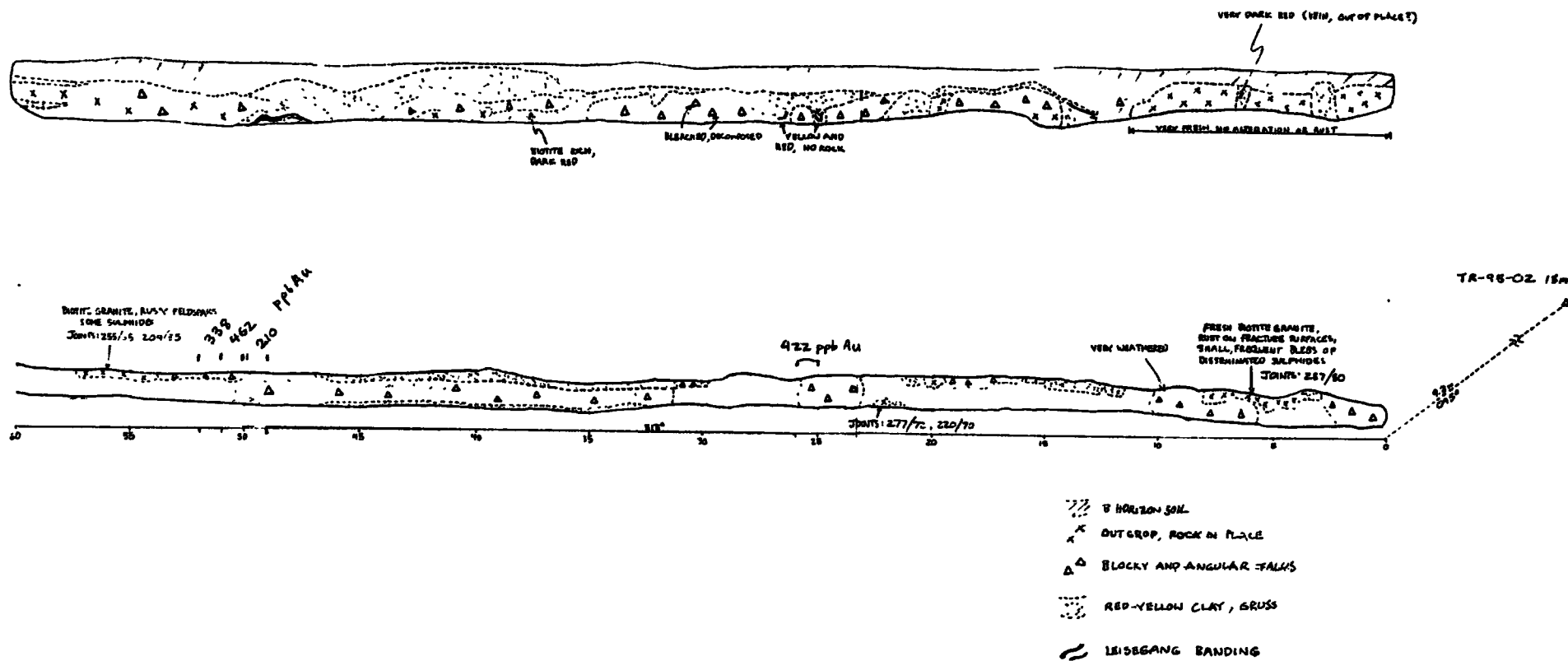
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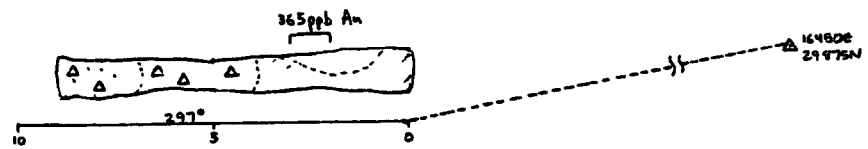
TR-95-02

- D HORIZON SOIL
- ROCKS IN PLACE, OUTCROP
- ROCKY AND ANGULAR SUBCROP
- RED-YELLOW CLAY, GRASS
- LEIZGANG BANDING

SCALE: 1 to 125



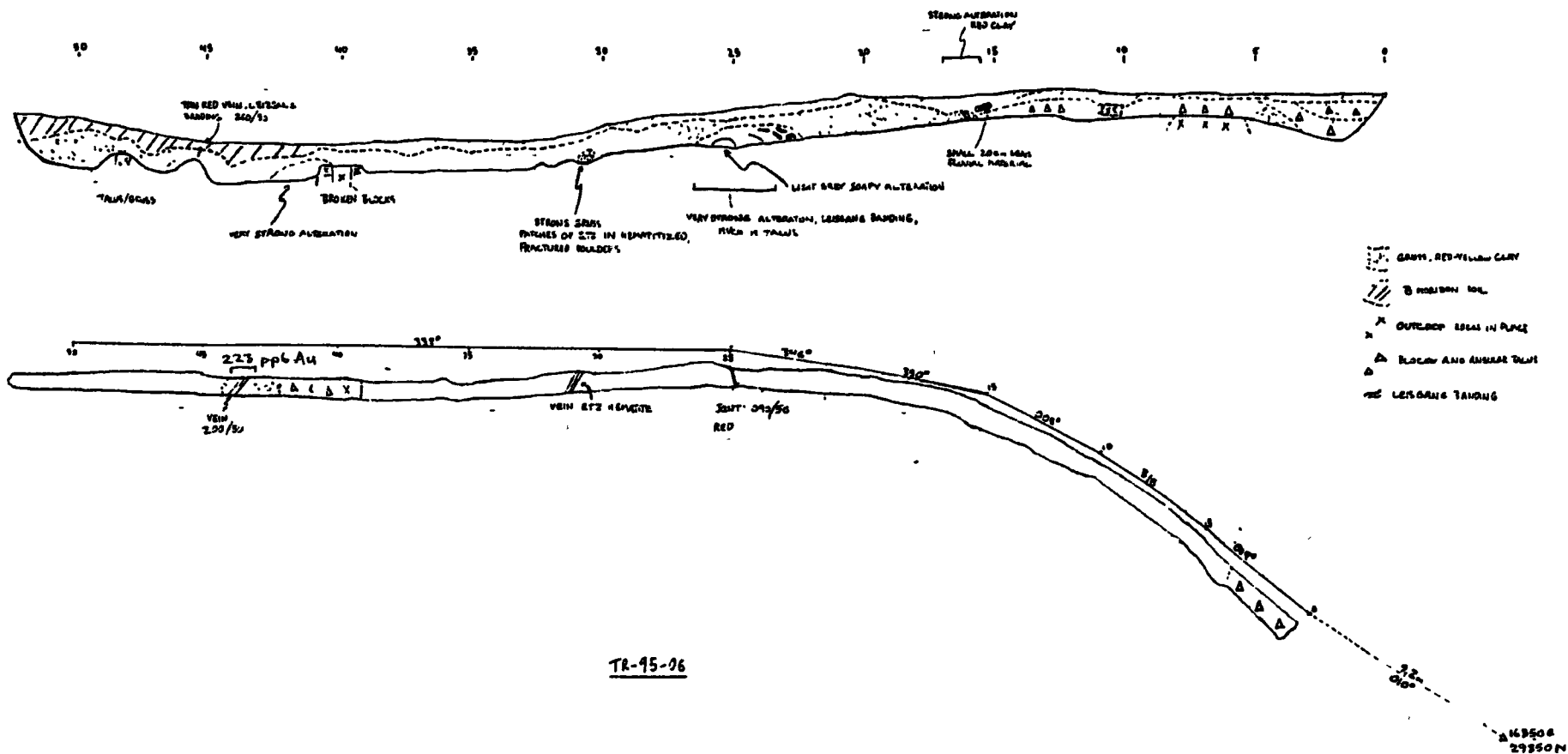
TR - 95 - 03

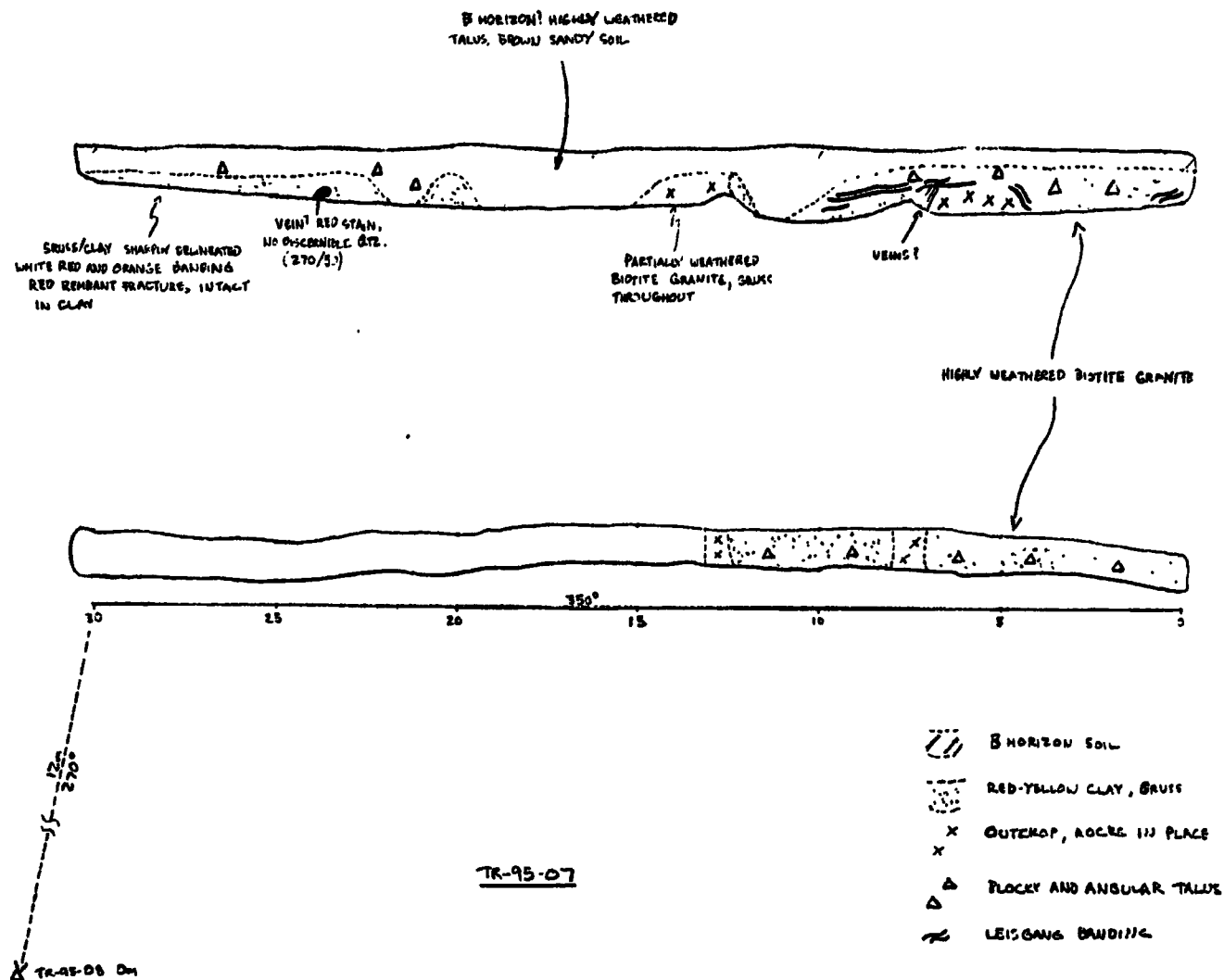


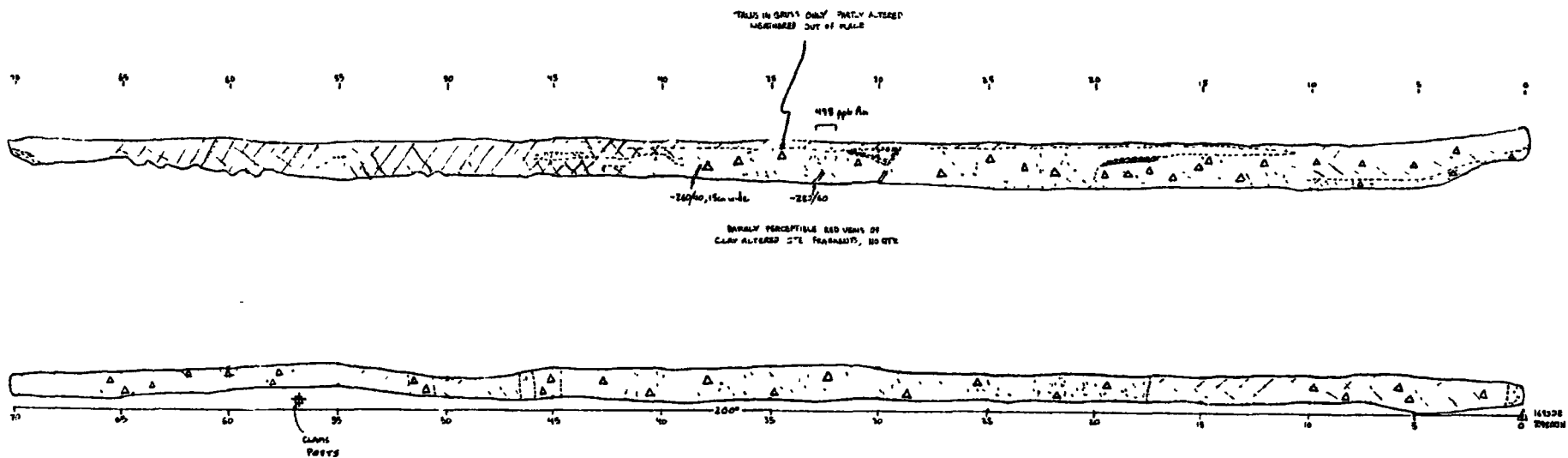
TR-95-04



TR-95-05







TR-95-10

- 2 HORIZON SOIL - BROWN SANDY LOAM WEAVING PROPORTIONS OF TALUS
- GRAY CLAY
- DISINTEGRATED GRANITE, CLAY/GRASS
- RED VENTS
- ORANGE SANDY SOIL AND TALUS (MIXTURE OF GRAVEL AND 2-HORIZON)

SCALE: 1 TO 125

APPENDIX B
PANPORAMA - GEOCHEMICAL ANALYSES

ATTN: Henry Neugebauer

TEL: (604) 327-3436 FAX: (604) 327-3423

* rock * (ACT:F31)

SAMPLE NUMBER	AG PPM	AL %	AS PPM	BA PPM	BE PPM	BI PPM	CA %	CD PPM	CO PPM	CR PPM	CU PPM	FE %	GA PPM	K %	LI PPM	MG %	MN PPM	MO PPM	NA %	NI PPM	P PPM	PB PPM	SB PPM	SN PPM	SR PPM	TH PPM	TI %	U PPM	V PPM	W PPM	ZN PPM	Au-fire PPB	
9511001	.8	.92	1	228	1.1	11	.71	.1	9	80	59	1.96	1	.57	36	.78	230	1	.08	12	730	37	1	2	26	16	.12	1	42.7	4	64	126	
9511002	.5	.46	784	156	.8	7	1.04	.1	6	48	61	1.32	1	.22	21	.35	274	1	.05	9	690	37	2	1	31	18	.06	1	25.1	2	65	106	
9511003	.7	.64	1022	119	.9	8	.97	.1	6	74	198	1.20	1	.16	23	.69	231	2	.09	8	640	37	3	1	37	19	.04	1	27.0	4	77	112	
9511004	.4	.50	266	49	.6	4	.92	.1	3	51	110	.76	1	.14	24	.51	155	1	.05	7	650	26	1	1	15	17	.03	1	27.7	2	42	174	
9511005	.5	.71	1198	156	.8	23	1.29	2.0	10	49	122	1.40	1	.23	24	.52	156	1	.04	8	750	40	4	1	47	14	.04	1	28.0	2	65	125	
9511006	9.9	.04	86	8	.3	1	1.17	.1	3	100	167	.87	1	.01	1	.12	169	1	.01	9	70	20		110	1	15	1	.01	1	3.5	4	24	143
9511007	.8	.73	1	45	1.2	3	.86	.1	9	48	165	1.89	1	.11	18	.38	121	2	.09	15	1040	48		1	50	13	.04	1	22.8	2	74	24	
9511008	23.3	.07	3951	28	.6	10	.13	>100.0	3	240	213	1.44	1	.04	1	.02	76	52	.01	14	80	>10000	>10000	2	6	1	.01	1	2.4	14	4783	79	

ATTN: H. Neugebauer

TEL: (604) 327-3436 FAX: (604) 327-3423

* rock * (ACT:F31)

[illegible]

COMP: ORINOCO GOLD
 PROJ:
 ATTN: Henry Neugebauer

MIN-EN LABS — ICP REPORT
 8282 SHERBROOKE ST., VANCOUVER, B.C. V5X 4E8
 TEL:(604)327-3436 FAX:(604)327-3423

FILE NO: 5V-0310-RJ
 DATE: 95/08/1
 * ROCK * (ACT:F31)

SAMPLE NUMBER	AG PPM	AL %	AS PPM	BA PPM	BE PPM	BI PPM	CA %	CD PPM	CO PPM	CR PPM	CU PPM	FE %	GA PPM	K %	LI PPM	MG %	MN PPM	MO PPM	NA %	NI PPM	P PPM	PB PPM	SB PPM	SN PPM	SR PPM	TH PPM	TI %	U PPM	V PPM	W PPM	ZN PPM	Au-fire PPB
TR-95-06-30	1.2	.80	2019	214	1.7	16	.74	4.3	9	76	133	2.56	1	.32	16	.49	491	3	.04	16	790	95	40	1	27	9	.09	1	48.9	4	73	82
TR-95-06-31	1.0	1.01	393	284	1.4	15	.73	.1	11	70	78	2.40	4	.44	22	.74	447	3	.05	12	760	32	9	1	30	14	.16	1	63.2	5	76	13
TR-95-06-32	6.7	.37	6458	89	1.9	65	.71	32.1	13	50	209	3.48	1	.11	3	.12	410	1	.01	15	670	356	497	2	13	1	.01	1	18.0	2	100	187
TR-95-06-33	1.0	.90	690	258	1.3	17	.80	.1	9	67	56	2.05	3	.35	17	.62	351	2	.05	12	770	37	18	1	32	14	.12	1	52.9	5	67	16
TR-95-06-34	.9	.80	492	122	1.0	7	.89	.1	6	82	51	1.40	3	.18	21	.73	273	1	.05	11	830	25	9	1	34	18	.06	1	45.0	4	47	10
TR-95-06-35	.9	.89	470	221	1.1	11	.76	.1	8	67	42	1.75	3	.27	16	.66	326	2	.04	10	810	30	5	1	34	16	.10	1	50.4	5	55	12
TR-95-06-36	1.0	.97	183	314	1.1	13	.84	.1	10	73	39	2.16	4	.48	21	.72	392	2	.06	14	820	25	4	1	37	15	.17	1	62.2	5	68	5
TR-95-06-37	.8	.92	440	278	1.2	12	.73	.1	9	63	43	2.16	3	.40	19	.64	367	3	.06	14	760	27	4	1	35	14	.15	1	57.3	4	70	17
TR-95-06-38	1.1	.99	896	318	1.4	15	.75	.1	11	68	63	2.55	3	.43	18	.64	538	2	.05	14	770	35	7	1	28	12	.14	1	61.1	5	78	40
TR-95-06-39	1.1	.91	124	286	1.1	14	.71	.1	10	61	37	1.98	4	.41	21	.66	347	3	.05	15	810	26	4	1	34	12	.15	1	55.0	4	67	21
TR-95-06-40	1.1	.96	25	253	1.1	12	.73	.1	9	74	46	1.99	2	.49	25	.73	315	2	.08	13	860	27	1	1	34	6	.15	1	51.3	4	72	5
TR-95-06-41	1.4	1.07	1	331	1.0	16	.72	.1	12	69	50	2.37	4	.59	24	.73	365	1	.09	12	740	26	4	1	46	4	.20	1	61.8	4	88	5
TR-95-06-42	1.3	.96	1	307	1.0	14	.70	.1	11	58	96	2.19	3	.59	27	.79	306	2	.08	14	740	23	3	1	34	8	.18	1	54.9	3	100	22
TR-95-06-43	56.3	.51	8099	121	2.2	9	.70	66.8	12	54	1477	5.66	1	.14	5	.18	489	6	.01	17	790	1719	958	4	16	1	.01	1	29.7	1	283	223
TR-95-06-44	7.0	.40	5196	60	1.7	1	.76	47.4	8	45	981	2.78	1	.06	4	.11	386	2	.01	10	810	437	169	2	37	2	.01	1	21.0	1	237	71
TR-95-06-45	.8	.79	627	204	1.6	8	.75	.1	9	99	119	2.14	3	.35	18	.46	383	3	.07	13	720	36	33	1	42	9	.08	1	49.1	6	164	17
TR-95-06-46	.5	.64	1872	135	1.6	14	.77	7.3	9	55	121	1.84	4	.18	12	.33	403	2	.03	11	850	51	73	1	36	15	.04	1	39.7	3	109	49
TR-95-06-47	1.4	.91	684	277	1.1	16	.71	.1	11	64	58	2.32	5	.41	18	.61	423	2	.05	15	710	53	60	1	34	12	.13	1	51.9	4	107	96
TR-95-06-48	1.2	.99	826	267	1.2	13	.70	.1	10	76	58	2.25	3	.41	21	.62	321	2	.05	13	770	44	59	1	24	8	.12	1	52.1	5	78	29
TR-95-06-49	.9	.99	201	332	1.3	12	.70	.1	11	71	39	2.50	4	.55	27	.67	400	2	.07	15	810	31	16	2	37	5	.17	1	59.1	5	92	13

ATTN: H. Neugebauer

8282 SHERBROOKE ST., VANCOUVER, B.C. V5X 4E8

TEL: (604) 327-3436 FAX: (604) 327-3423

* rock * (ACT:F31)

[illegible]

COMP: ORINOCO GOLD
 PROJ:
 ATTN: Henry Neugebauer

MIN-EN LABS — ICP REPORT
 8282 SHERBROOKE ST., VANCOUVER, B.C. V5X 4E8
 TEL:(604)327-3436 FAX:(604)327-3423

FILE NO: 5V-0311-SJ3
 DATE: 95/08/
 * soil * (ACT:F3)

SAMPLE NUMBER	AG PPM	AL %	AS PPM	BA PPM	BE PPM	BI PPM	CA %	CD PPM	CO PPM	CR PPM	CU PPM	FE %	GA PPM	K %	LI PPM	MG %	MN PPM	MO PPM	NA %	NI PPM	P PPM	PB PPM	SB PPM	SN PPM	SR PPM	TH PPM	TI %	U PPM	V PPM	W PPM	ZN PPM	Au-fire PPB
L16150E 29650N	.4	1.18	754	165	1.4	8	.63	.1	11	23	111	2.23	1	.08	24	.62	351	4	.01	18	720	62	16	2	19	1	.05	1	55.9	1	89	91
L16150E 29675N	.7	1.11	559	179	1.2	7	.38	.1	9	21	91	1.98	1	.06	18	.53	231	6	.01	16	560	51	12	2	1	1	.04	1	46.0	1	72	43
L16150E 29725N	.8	1.14	828	164	1.4	8	.48	.1	9	23	111	2.22	1	.06	23	.60	235	5	.01	19	400	46	11	2	2	1	.05	1	54.7	1	72	97
L16150E 29750N	.6	1.13	2	132	1.2	8	.18	.1	8	22	38	2.76	1	.05	16	.47	173	2	.01	17	460	40	4	2	1	1	.04	1	55.3	1	79	19
L16150E 29775N	1.1	1.35	6	169	1.3	10	.21	.1	8	30	83	2.32	3	.12	23	.74	154	3	.01	21	510	47	9	2	1	1	.06	1	63.3	2	75	60
L16150E 29800N	.9	1.41	1	159	1.3	10	.18	.1	10	33	70	3.17	3	.12	20	.76	211	2	.01	26	670	45	10	2	1	1	.08	1	71.2	2	76	11
L16150E 29825N	.8	1.29	1	126	1.4	8	.16	.1	10	26	61	2.80	1	.14	28	.74	257	2	.01	21	420	41	7	2	1	1	.06	1	53.2	1	79	12
L16150E 29850N	.4	1.17	1	225	1.3	6	.24	.1	12	21	41	2.77	1	.08	14	.49	527	2	.01	22	710	45	8	2	1	1	.05	1	55.7	1	73	6
L16150E 29875N	1.1	1.43	1	164	1.5	7	.12	.1	8	29	95	2.58	1	.21	23	.79	149	2	.01	24	310	45	15	2	1	1	.07	1	51.3	1	64	33
L16150E 29900N	.5	1.40	1	107	1.2	8	.11	.1	10	25	36	2.73	1	.08	18	.48	400	1	.01	18	540	38	4	2	1	1	.05	1	53.2	1	69	7
L16150E 29925N	1.3	1.41	19	132	1.3	7	.24	.1	10	29	87	2.81	2	.11	19	.70	223	3	.01	21	530	48	14	2	1	1	.06	1	53.7	2	82	23
L16150E 29950N	1.6	1.48	1	123	1.3	8	.13	.1	9	29	47	2.86	1	.10	24	.64	290	1	.01	19	440	37	4	2	1	1	.07	1	59.6	1	86	6
L16150E 29975N	.2	.91	1	76	.9	5	.14	.1	6	22	21	2.47	1	.04	9	.37	143	1	.01	14	500	38	2	1	1	1	.03	1	54.2	1	50	6
L16150E 30000N	.2	1.65	380	148	1.5	16	.15	.1	11	27	45	2.88	1	.04	15	.62	302	2	.01	21	470	41	5	2	1	1	.05	1	54.3	2	84	4
L16150E 30025N	.6	1.77	127	197	1.8	8	.21	.1	11	38	77	3.60	1	.17	28	.87	189	4	.01	35	620	45	29	3	1	1	.08	1	88.3	2	73	15
L16150E 30050N	4.9	1.23	2103	246	3.2	15	.41	.1	34	24	927	4.78	1	.32	15	.71	707	3	.01	47	750	631	139	4	7	1	.02	1	48.6	1	243	152
L16150E 30075N	1.5	1.69	381	220	2.0	9	.22	.1	13	35	291	3.18	1	.39	25	1.02	528	2	.01	28	500	80	55	3	1	1	.08	1	72.2	2	111	87
L16150E 30100N	2.0	1.45	1029	209	1.6	10	.20	.1	14	45	157	2.59	1	.69	29	1.24	231	1	.01	29	320	203	46	3	1	1	.08	1	55.3	2	82	46
L16150E 30125N	1.7	1.21	715	123	1.8	30	.48	.1	14	51	207	3.51	1	.07	15	.76	406	7	.01	103	1610	114	41	3	1	1	.02	1	134.0	4	250	125
L16150E 30150N	.3	1.32	192	268	2.0	9	.52	.1	12	29	121	3.04	1	.06	20	.74	473	5	.01	86	1110	88	23	2	82	1	.03	1	89.3	2	204	41
L16150E 30175N	.2	1.32	100	171	1.9	8	.53	.1	19	30	153	2.98	1	.06	20	.57	623	5	.01	74	1750	87	19	2	26	1	.02	1	92.4	2	186	43
L16150E 30200N	2.0	1.28	335	145	1.7	9	.29	.1	8	35	147	2.87	1	.12	17	.67	305	5	.01	41	1350	166	27	3	1	1	.04	1	143.9	3	157	42
L16250E 29250N	.7	1.38	120	83	1.3	9	.25	.1	8	23	65	2.88	1	.05	23	.41	166	5	.01	26	460	70	13	2	1	1	.05	1	60.4	1	76	47
L16250E 29275N	.6	1.33	1	138	1.4	7	.20	.1	7	17	35	2.76	1	.05	19	.34	126	2	.01	19	450	50	3	1	1	1	.04	1	49.6	1	61	29
L16250E 29300N	1.2	1.03	64	97	.9	11	.30	.1	8	20	77	2.02	1	.07	16	.50	134	2	.01	15	580	57	13	2	1	1	.06	1	45.3	1	65	56
L16250E 29350N	1.0	.83	199	110	.9	12	.38	.2	6	19	122	1.49	1	.05	12	.46	81	2	.01	16	340	40	14	1	1	1	.04	1	55.8	2	60	67
L16250E 29375N	3.1	1.29	1075	143	1.4	14	1.63	4.1	13	50	383	2.00	1	.05	34	1.15	237	1	.01	43	1160	82	45	2	80	1	.06	1	134.1	4	108	153
L16250E 29425N	1.4	1.19	1678	171	1.5	28	.89	13.8	12	18	211	2.32	1	.04	18	.48	453	2	.01	18	700	85	44	2	28	1	.03	1	40.1	1	103	149
L16250E 29450N	1.2	.79	1158	103	1.1	20	1.04	9.6	9	14	168	1.70	1	.06	18	.43	284	1	.01	12	600	82	41	2	54	1	.03	1	30.4	1	80	159
L16250E 29475N	1.3	.97	1113	118	1.5	20	.95	7.9	12	18	258	2.07	1	.11	27	.54	301	1	.01	16	620	111	53	2	42	1	.06	1	38.0	1	110	159
L16250E 29500N	.5	.98	629	90	1.0	15	.31	2.8	9	18	115	1.91	1	.09	22	.49	157	1	.01	15	480	46	21	2	1	1	.05	1	35.9	1	70	292
L16250E 29525N	1.5	.83	1130	110	1.1	30	1.12	6.1	10	19	227	1.81	1	.09	24	.53	263	1	.01	13	580	62	39	2	70	1	.05	1	33.1	1	83	304
L16250E 29575N	NO SAMPLE																															
L16250E 29600N	.8	.86	516	110	.9	12	.40	.1	8	18	63	2.12	1	.09	17	.48	173	2	.01	17	350	46	11	2	1	1	.05	1	39.6	1	67	98
L16250E 29625N	.8	1.05	470	94	1.2	12	.24	.1	8	20	57	2.34	1	.08	18	.45	137	1	.01	14	510	40	8	2	1	1	.06	1	43.9	1	65	90
L16250E 29650N	.5	.99	779	121	1.2	14	.49	3.2	9	20	94	2.16	1	.07	12	.46	294	1	.01	18	760	47	16	2	1	1	.04	1	38.9	2	82	116
L16250E 29675N	.6	1.15	641	94	1.1	11	.30	1.4	9	20	68	2.03	1	.05	14	.47	206	1	.01	18	550	35	10	2	1	1	.03	1	39.3	2	67	70
L16250E 29700N	.5	1.06	264	102	.9	9	.31	.1	11	23	51	2.02	1	.05	13	.55	396	1	.01	17	410	39	7	2	1	1	.05	1	42.6	2	76	52
L16250E 29725N	.6	.92	164	75	.8	8	.21	.1	5	21	48	1.50	1	.05	11	.39	78	1	.01	13	520	36	6	1	1	1	.03	1	35.5	2	57	77
L16250E 29750N	.5	1.41	58	103	1.2	9	.27	.1	8	25	60	2.11	1	.06	20	.58	129	1	.01	17	420	35	6	2	1	1	.05	1	48.4	2	74	86
L16250E 29775N	1.3	.98	541	146	1.2	11	.33	.1	11	20	88	2.28	1	.07	10	.42	436	2	.01	16	510	56	30	2	1	1	.04	1	47.2	2	107	105
L16250E 29800N	.5	1.02	1	137	.9	10	.35	.1	10	21	47	1.85	1	.06	14	.51	320	1	.01	16	530	32	2	1	1	1	.04	1	49.9	1	69	97
L16250E 29825N	.9	1.32	59	112	1.1	10	.29	.1	10	29	76	2.07	2	.06	16	.64	192	1	.01	23	480	39	6	2	1	1	.06	1	57.7	3	67	83
L16250E 29850N	1.0	1.05	144	89	1.0	13	.21	.1	12	34	58	2.45	3	.09	15	.75	274	2	.01	21	370	38	5	2	1	1	.08	1	87.8	4	74	90
L16250E 29875N	1.1	1.44	1	136	1.4	12	.24	.1	10	34	97	2.49	2	.08	18	.67	273	2	.01	26	520	43	7	2	1	1	.06	1	69.0	3	85	127
L16250E 29900N	1.3	1.54	248	203	1.5	14	.47	.1	12	50	127	2.82	4	.18	24	.83	308	3	.01	29	1250	131	23	2	1	1	.07	1	102.2	4	80	185
L16250E 29925N	.9	1.37	1	125	1.3	12	.16	.1	11	34	105	2.44	3	.09	16	.65	279	2	.01	25	690	32	4	2	1	1	.07	1	71.3	3	63	41
L162																																

COMP: ORINOCO GOLD
 PROJ:
 ATTN: Henry Neugebauer

MIN-EN LABS — ICP REPORT
 8282 SHERBROOKE ST., VANCOUVER, B.C. V5X 4E8
 TEL:(604)327-3436 FAX:(604)327-3423

FILE NO: 5V-0311-SJ5+
 DATE: 95/08/11
 * soil * (ACT:F31)

SAMPLE NUMBER	AG PPM	AL %	AS PPM	BA PPM	BE PPM	BI PPM	CA %	CD PPM	CO PPM	CR PPM	CU PPM	FE %	GA %	K %	LI PPM	MG %	MN PPM	MO PPM	NA %	NI PPM	P PPM	PB PPM	SB PPM	SN PPM	SR PPM	TH PPM	T1 %	U PPM	V PPM	W PPM	ZN PPM	Au-fire PPB
L16250E 29975N	.7	1.46	1	186	1.2	3	.13	.1	8	38	80	2.43	1	.27	24	.93	149	2	.01	23	520	20	8	2	1	1	.08	1	75.2	1	53	46
L16250E 30000N	.2	.91	1	109	.9	1	.12	.1	8	22	52	2.43	1	.13	12	.64	201	2	.01	15	470	27	6	2	1	1	.05	1	45.4	1	57	19
L16250E 30025N	.3	1.45	1	94	1.2	4	.10	.1	10	25	46	2.92	1	.06	20	.58	230	2	.01	20	250	27	11	3	1	1	.05	1	46.6	1	64	17
L16250E 30050N	.5	1.11	277	86	1.1	5	.11	.1	9	22	36	2.92	1	.08	18	.41	238	3	.01	19	420	46	8	3	1	1	.06	1	58.5	1	73	24
L16250E 30075N	.5	.81	1	67	.9	7	.08	.1	6	19	33	2.29	1	.07	11	.26	137	1	.01	12	350	44	9	2	1	1	.06	1	64.5	1	55	19
L16250E 30100N	1.1	.97	26	109	1.0	8	.10	.1	8	24	66	2.60	1	.09	11	.40	161	3	.01	17	430	52	13	2	1	1	.07	1	68.9	1	63	24
L16250E 30125N	.8	1.09	1	140	.9	3	.11	.1	5	28	65	1.74	2	.13	8	.51	43	2	.01	17	410	28	7	2	1	1	.05	1	54.0	1	38	17
L16250E 30150N	.8	1.54	1	174	1.4	10	.18	.1	10	33	77	2.83	1	.14	21	.73	209	3	.01	25	390	41	13	2	1	1	.08	1	118.7	1	75	32
L16250E 30175N	.7	1.34	21	161	1.9	8	.50	.1	16	30	118	3.11	1	.13	22	.73	578	4	.01	51	1440	68	35	3	1	1	.04	1	114.1	1	113	115
L16250E 30200N	.7	1.58	1	178	2.1	11	.36	.1	14	31	87	3.27	1	.11	28	.80	517	3	.01	40	1020	64	17	3	1	1	.05	1	111.6	2	103	64
L16350E 29250N	.9	1.09	1	136	1.1	4	.35	.1	9	27	85	2.31	2	.04	17	.53	127	5	.01	26	510	34	2	2	1	1	.02	1	75.6	1	73	106
L16350E 29275N	1.0	.87	1	69	.8	7	.15	.1	6	23	40	1.64	3	.03	10	.39	79	9	.01	15	250	23	1	1	1	1	.05	1	108.8	2	49	112
L16350E 29300N	.8	1.41	1	141	1.4	6	.39	.1	12	30	113	1.96	1	.09	26	.63	264	3	.01	35	1030	43	8	2	1	1	.04	1	83.3	1	82	136
L16350E 29325N	.8	.73	276	87	.8	7	.46	.1	8	17	119	1.65	1	.10	14	.44	228	3	.01	13	980	74	26	2	1	1	.05	1	45.2	1	91	566
L16350E 29350N	.9	1.38	1062	93	1.1	10	.21	.1	9	25	102	2.98	1	.04	20	.46	227	5	.01	16	530	90	38	3	1	1	.04	1	56.7	1	90	69
L16350E 29375N	1.4	1.17	280	95	1.1	7	.31	.1	9	24	117	2.10	1	.08	19	.65	197	4	.01	19	490	49	18	2	1	1	.05	1	47.4	1	69	69
L16350E 29550N	1.1	.93	1127	89	1.0	7	.18	3.6	6	14	77	1.78	1	.05	9	.33	250	3	.01	12	600	55	19	2	1	1	.03	1	31.0	1	79	64
L16350E 29575N	.9	.90	1705	101	1.2	9	.38	4.9	8	15	101	1.93	1	.07	12	.41	230	3	.01	13	670	62	24	2	1	1	.03	1	32.6	1	83	91
L16350E 29600N	3.0	.94	1372	76	1.0	7	.26	5.7	7	15	71	1.88	1	.05	8	.33	233	3	.01	11	540	62	23	2	1	1	.03	1	32.9	1	82	72
L16350E 29625N	.8	.78	1125	89	1.1	6	.19	2.1	7	12	87	1.89	1	.06	9	.31	408	2	.01	10	540	49	16	2	1	1	.03	1	32.2	1	74	68
L16350E 29650N	1.4	.98	1702	79	1.2	12	.25	4.2	8	16	92	2.13	1	.04	11	.35	242	1	.01	12	620	106	33	2	1	1	.02	1	35.8	1	82	111
L16350E 29675N	.8	1.07	993	100	1.1	7	.20	1.4	8	18	52	2.09	1	.04	9	.39	170	2	.01	12	590	43	13	2	1	1	.02	1	36.6	1	77	113
L16350E 29700N	.8	.87	1063	99	1.0	14	.24	2.7	7	16	50	1.89	1	.05	11	.38	218	2	.01	10	570	50	16	2	1	1	.03	1	33.3	1	89	114
L16350E 29725N	.9	1.04	429	97	1.1	5	.29	.1	9	19	91	1.98	1	.05	12	.45	279	2	.01	15	570	39	8	2	1	1	.04	1	36.7	1	69	60
L16350E 29750N	.6	1.09	878	113	1.1	12	.29	1.7	8	21	86	2.30	1	.07	15	.47	132	1	.01	16	510	67	22	2	1	1	.05	1	43.3	1	82	72
L16350E 29775N	.3	1.12	633	106	1.2	13	.28	.8	12	16	95	2.37	1	.07	15	.43	449	2	.01	16	680	64	21	2	1	1	.04	1	39.4	1	100	116
L16350E 29800N	.5	1.18	365	113	1.1	9	.20	.1	10	20	60	2.35	1	.08	15	.48	335	1	.01	13	380	36	3	2	1	1	.05	1	45.3	1	73	59
L16350E 29825N	.6	1.16	37	97	.9	8	.24	.1	8	23	61	2.07	1	.07	17	.51	146	1	.01	15	380	37	2	2	1	1	.04	1	41.7	1	66	56
L16350E 29850N	.1	1.02	1	130	1.1	10	.18	.1	20	13	43	2.37	1	.08	11	.38	1212	3	.01	17	430	58	5	1	1	1	.05	1	45.0	1	89	49
L16350E 29875N	1.1	1.27	192	122	1.2	12	.23	.1	10	22	72	2.44	1	.08	14	.49	284	5	.01	15	390	70	13	2	1	1	.06	1	48.2	2	88	79
L16350E 29900N	.6	1.10	56	101	1.0	12	.19	.1	12	22	58	2.30	1	.07	13	.47	484	2	.01	17	400	54	5	1	1	1	.07	1	58.3	2	77	51
L16350E 29925N	1.3	1.40	64	145	1.3	12	.25	.1	11	37	114	2.54	1	.17	29	.84	206	2	.01	23	390	65	10	2	1	1	.09	1	92.7	3	82	157
L16350E 29950N	1.0	1.45	275	155	1.4	10	.28	.1	13	35	209	2.44	2	.16	23	.84	283	4	.01	26	420	52	12	2	1	1	.07	1	112.9	4	86	205
L16350E 29975N	.3	1.38	1	101	1.2	4	.22	.1	9	29	84	2.27	1	.04	19	.61	216	1	.01	23	650	28	1	2	1	1	.04	1	61.3	2	58	64
L16350E 30000N	1.5	2.03	1	368	3.0	14	.80	.1	13	81	190	7.05	3	.62	37	1.13	269	20	.05	34	4640	79	6	6	75	1	.10	1	278.9	7	62	148
L16350E 30025N	.4	1.25	1	103	1.1	7	.15	.1	9	25	54	2.53	1	.11	24	.62	185	1	.01	22	280	36	1	2	1	1	.06	1	61.7	1	65	29
L16350E 30050N	.3	1.21	1	97	1.2	5	.12	.1	7	24	57	2.25	1	.08	22	.46	214	1	.01	22	560	27	1	2	1	1	.04	1	53.4	2	66	21
L16350E 30100N	.8	1.00	1	102	.9	6	.12	.1	7	22	53	2.21	2	.12	12	.40	114	2	.01	17	320	35	3	2	1	1	.09	1	69.1	2	54	37
L16350E 30125N	8.9	1.80	1722	394	2.1	25	.79	.1	14	44	231	4.52	2	.50	25	1.01	240	15	.01	33	3200	143	67	4	59	1	.05	1	130.6	3	147	218
L16350E 30150N	2.2	1.58	398	268	1.8	9	.35	.1	10	40	148	3.35	2	.45	21	.95	270	7	.01	28	1240	128	45	3	1	1	.06	1	92.9	2	122	132
L16350E 30175N	1.5	1.65	530	235	2.2	10	.46	.1	23	37	189	4.35	1	.38	24	.90	617	8	.01	34	1850	131	59	4	1	1	.07	1	85.6	2	156	148
L16350E 30200N	1.5	1.22	156	252	1.5	8	.28	.1	10	29	130	3.16	1	.38	15	.72	408	5	.02	20	1570	90	30	3	1	1	.04	1	74.5	1	115	92
L16450E 29300N	.6	.78	1	109	.8	8	.36	.1	11	18	32	1.71	2	.04	11	.32	317	4	.01	14	350	24	1	1	1	1	.07	1	60.0	1	42	28
L16450E 29325N	.8	1.42	1	123	1.3	8	.33	.1	11	28	65	2.36	2	.05	24	.51	162	9	.01	21	350	31	1	2	1	1	.06	1	80.9	2	65	58
L16450E 29350N	.7	1.17	1	84	1.1	7	.22	.1	8	22	40	2.43	1	.05	14	.30	197	13	.01	20	430	30	1	2	1	1	.05	1	116.1	2	78	45
L16450E 29375N	1.0	1.65	1	149	1.4	8	.46	.1	10	35	77	2.36	1	.06	22	.53	190	13	.01	39	670	31	2	2	1	1	.05	1	192.9	5	76	99
L16450E 29400N	1.0	1.23	62	93	1.1	8	.56	.1	8	58	69	2.47	3	.06	32	.60	123	11	.01	33	1370	31	1	3	7	1	.07	1	219.2	6	66	134
L16450E 29425N	1.2	1.06	143	161	1.1	8	.50	.1	13	21	236																					

COMP: ORINOCO GOLD

PROJ:

ATTN: Henry Neugebauer

MIN-EN LABS — ICP REPORT

8282 SHERBROOKE ST., VANCOUVER, B.C. V5X 4E8

TEL:(604)327-3436 FAX:(604)327-3423

FILE NO: 5V-0311-SJ74

DATE: 95/08/1

* soil * (ACT:F31)

SAMPLE NUMBER	AG PPM	AL %	AS PPM	BA PPM	BE PPM	BI PPM	CA %	CD PPM	CO PPM	CR PPM	CU PPM	FE %	GA PPM	K %	LI PPM	MG %	MN PPM	MO PPM	NA %	NI PPM	P PPM	PB PPM	SB PPM	SN PPM	SR PPM	TH PPM	TI %	U PPM	V PPM	W PPM	ZN PPM	Au-fire PPB
L16450E 29450N	.7	.85	416	70	.8	12	.31	.1	6	13	108	1.79	1	.06	14	.40	181	3	.01	12	580	79	28	2	1	1	.04	1	33.5	1	86	69
L16450E 29475N	.6	.88	472	85	.9	10	.32	.1	7	15	76	1.87	1	.05	17	.44	197	3	.01	14	450	44	15	1	1	1	.03	1	35.2	1	68	105
L16450E 29500N	.4	.94	412	124	.9	13	.32	.1	10	16	91	1.87	1	.06	17	.45	293	1	.01	15	620	61	22	1	1	1	.03	1	35.2	1	75	99
L16450E 29525N	2.0	.95	799	133	1.0	31	.50	.5	8	17	100	2.24	1	.06	15	.47	201	2	.01	18	420	226	138	1	4	1	.03	1	39.7	1	126	183
L16450E 29550N	1.5	1.05	904	145	1.1	38	.54	2.5	13	18	142	2.24	1	.06	16	.52	460	2	.01	19	700	164	54	1	19	1	.04	1	41.6	1	127	308
L16450E 29575N	1.0	1.04	1008	159	1.2	38	.45	2.8	12	16	128	2.07	1	.07	21	.53	357	1	.01	16	560	80	15	2	13	1	.04	1	36.3	1	94	160
L16450E 29625N	.7	1.12	1078	91	1.3	17	.45	.1	7	17	159	2.18	1	.05	22	.51	194	3	.01	16	600	45	32	1	1	1	.02	1	36.9	1	75	119
L16450E 29650N	.8	.94	508	87	.9	12	.29	.1	7	16	63	1.87	1	.04	9	.34	332	2	.01	12	510	41	19	1	1	1	.03	1	36.1	1	74	58
L16450E 29675N	.8	1.03	1051	91	1.0	16	.28	3.9	8	17	81	2.06	1	.04	13	.42	330	1	.01	14	640	42	21	1	1	1	.03	1	36.4	1	77	37
L16450E 29700N	.9	.94	538	87	.8	7	.22	.1	7	17	59	1.87	2	.04	10	.36	237	2	.01	13	560	37	8	1	1	1	.03	1	36.4	1	64	26
L16450E 29725N	.5	1.02	1034	72	1.0	15	.17	2.0	8	17	76	2.23	1	.05	12	.39	333	1	.01	13	520	63	20	1	1	1	.03	1	39.0	1	73	94
L16450E 29750N	1.0	1.14	1557	99	1.3	18	.26	4.1	10	18	83	2.35	1	.05	12	.40	401	3	.01	14	760	92	33	1	1	1	.03	1	38.4	1	102	107
L16450E 29775N	.8	1.08	1106	100	1.1	19	.18	.1	8	17	69	2.31	1	.06	11	.33	292	1	.01	12	480	55	16	1	1	1	.03	1	40.4	1	75	160
L16450E 29800N	.8	1.07	1050	81	1.1	16	.18	.1	9	18	70	2.38	1	.06	13	.45	349	2	.01	14	500	58	19	2	1	1	.03	1	39.8	1	86	118
L16450E 29825N	.9	1.13	903	86	1.2	9	.22	.1	8	19	88	2.11	1	.04	12	.43	196	2	.01	16	490	36	10	1	1	1	.03	1	37.0	1	69	45
L16450E 29850N	.5	1.30	554	105	1.4	12	.22	.1	11	20	54	2.48	1	.05	15	.48	402	1	.01	18	550	37	6	2	1	1	.03	1	42.0	1	81	35
L16450E 29875N	.9	1.04	325	97	.9	11	.18	.1	7	19	41	2.08	2	.04	12	.36	287	2	.01	11	360	34	5	1	1	1	.03	1	42.8	1	58	47
L16450E 29900N	.9	.99	139	83	.9	10	.18	.1	7	18	53	1.99	3	.04	11	.38	171	2	.01	13	360	32	5	1	1	1	.03	1	40.9	1	55	54
L16450E 29925N	.8	.88	238	86	.9	7	.21	.1	7	18	48	2.04	1	.05	10	.37	219	3	.01	15	490	41	6	1	1	1	.03	1	40.9	1	74	56
L16450E 29950N	1.1	1.21	338	99	1.0	8	.24	.1	9	22	119	2.30	2	.04	14	.49	251	2	.01	19	410	46	11	1	1	1	.04	1	42.6	1	71	62
L16450E 29975N	.7	1.51	1	111	1.1	10	.19	.1	11	24	38	2.50	1	.03	14	.53	355	3	.01	24	350	36	3	2	1	1	.04	1	46.9	1	68	92
L16450E 30000N	1.6	1.41	1	124	.9	13	.19	.1	9	42	96	1.97	4	.52	38	1.23	251	2	.01	23	310	23	3	2	1	1	.15	1	59.7	3	62	115
L16450E 30025N	1.4	.86	94	124	.8	4	.41	.1	7	51	157	1.35	1	.30	27	.78	218	3	.01	28	880	23	7	1	1	1	.06	1	112.6	3	58	539
L16450E 30050N	.9	1.24	1	288	1.4	2	.31	.1	5	44	188	2.22	2	.29	23	.69	107	5	.03	25	1320	24	2	2	6	1	.02	1	119.4	3	68	67
L16450E 30075N	.1	1.50	1	94	1.2	7	.13	.1	9	24	23	2.62	1	.06	21	.48	233	2	.01	17	360	28	1	2	1	1	.05	1	53.5	1	67	26
L16450E 30100N	.5	1.37	1	113	1.2	6	.12	.1	8	24	40	2.59	1	.09	24	.53	244	2	.01	17	370	40	1	2	1	1	.08	1	64.5	1	74	14
L16450E 30125N	.9	1.40	115	106	1.1	8	.10	.1	10	29	39	3.36	1	.08	22	.57	353	2	.01	21	460	138	22	3	1	1	.05	1	66.2	1	73	29
L16450E 30175N	.9	1.40	1	94	1.0	10	.11	.1	9	30	17	2.61	2	.08	16	.63	218	2	.01	17	300	27	1	1	1	1	.09	1	72.8	2	68	3
L16550E 29300N	.6	1.29	1	159	1.5	8	.36	.1	11	25	50	2.90	2	.07	18	.43	252	4	.01	25	970	43	1	2	2	1	.04	1	103.7	2	72	12
L16550E 29325N	.9	1.50	1	166	1.3	9	.36	.1	9	28	76	2.35	3	.06	24	.65	158	5	.01	29	350	35	1	2	1	1	.05	1	73.3	2	76	127
L16550E 29350N	.1	1.72	1	165	2.0	12	.52	.1	27	26	91	3.24	2	.06	27	.99	759	3	.02	33	480	63	1	3	1	1	.06	1	57.5	1	131	30
L16550E 29375N	1.3	1.32	1	139	1.5	12	.38	.1	14	36	44	2.83	4	.07	22	.64	204	6	.01	27	390	29	1	2	1	1	.08	1	147.0	4	83	58
L16550E 29400N	.1	1.41	1	143	1.2	10	.38	.1	22	29	67	2.48	1	.06	25	.74	877	8	.01	27	520	32	1	2	1	1	.09	1	67.4	3	83	54
L16550E 29425N	.9	1.04	1	105	1.2	9	.34	.1	13	27	73	2.07	3	.05	16	.45	393	8	.01	34	330	39	1	1	1	1	.05	1	126.0	3	105	45
L16550E 29450N	.9	1.40	1	81	1.7	6	.33	.1	11	36	54	2.35	3	.03	17	.49	202	13	.01	61	600	33	1	1	1	1	.03	1	305.9	6	143	110
L16550E 29500N	.8	1.03	260	155	1.0	9	.47	.1	8	21	78	2.12	2	.06	15	.49	247	4	.01	13	450	77	22	1	1	1	.04	1	45.3	1	113	74
L16550E 29525N	.7	1.25	284	118	1.2	10	.30	.1	9	21	59	2.36	1	.06	15	.52	369	3	.01	20	510	91	39	2	1	1	.05	1	45.2	2	136	53
L16550E 29550N	.2	1.17	513	143	1.3	13	.32	.1	12	19	78	2.35	1	.05	16	.48	629	4	.01	14	580	86	25	1	1	1	.04	1	42.8	1	95	47
L16550E 29575N	.6	1.03	494	118	1.2	11	.32	.1	8	16	77	2.02	1	.04	13	.38	224	5	.01	12	650	48	10	1	1	1	.03	1	35.8	1	69	52
L16550E 29600N	.7	1.02	361	90	1.0	11	.23	.1	9	15	48	2.05	1	.04	11	.40	351	4	.01	16	500	46	8	1	1	1	.03	1	37.3	1	62	44
L16550E 29625N	.1	.89	278	80	.9	15	.15	.1	12	14	45	2.02	1	.05	11	.43	384	5	.01	14	390	46	7	2	1	1	.04	1	40.0	1	62	61
L16550E 29650N	.2	1.22	1	111	.9	7	.22	.1	7	19	29	2.31	1	.03	13	.42	186	1	.01	15	510	31	1	2	1	1	.03	1	42.6	1	57	87
L16550E 29675N	.1	.88	210	60	.9	7	.14	.1	8	14	26	2.37	1	.03	11	.41	454	3	.01	15	350	30	1	2	1	1	.03	1	43.8	1	62	62
L16550E 29700N	.1	1.09	631	99	1.5	12	.42	.1	11	16	84	2.55	1	.07	13	.41	758	2	.01	15	610	71	32	2	1	1	.03	1	41.9	1	102	65
L16550E 29725N	.3	1.44	1	91	1.2	9	.18	.1	9	20	42	2.42	1	.04	15	.51	267	1	.01	20	490	30	1	2	1	1	.04	1	44.1	1	72	68
L16550E 29750N	.5	.94	817	80	1.0	10	.38	.1	7	16	50	2.08	1	.04	9	.40	259	2	.01	13	660	49	20	1	1	1	.03	1	38.7	1	73	97
L16550E 29775N	.3	1.06	2695	133	1.2	33	.33	9.3	14	19	154	2.51	1	.07	14	.47	553	1	.01	14	850	76	35	2	1	1	.03	1	41.6	1	81	63
L16550E 29800N	.7	1.61	1352	98	1.5																											

COMP: ORINOCO GOLD

PROJ:

ATTN: Henry Neugebauer

MIN-EN LABS — ICP REPORT

8282 SHERBROOKE ST., VANCOUVER, B.C. V5X 4E8

TEL:(604)327-3436 FAX:(604)327-3423

FILE NO: 5V-0311-SJ9+10

DATE: 95/08/11

* soil * (ACT:F31)

SAMPLE NUMBER	AG PPM	AL %	AS PPM	BA PPM	BE PPM	BI PPM	CA %	CD PPM	CO PPM	CR PPM	CU PPM	FE %	GA PPM	K %	LI PPM	MG %	MN PPM	MO PPM	NA %	NI PPM	P PPM	PB PPM	SB PPM	SN PPM	SR PPM	TH PPM	TI %	U PPM	V PPM	W PPM	ZN PPM	Au-fire PPB
L16550E 29825N	.3	.97	189	88	.8	10	.20	.1	6	18	25	1.92	2	.03	11	.34	209	1	.01	14	400	41	3	2	1	1	.04	1	44.5	1	46	15
L16550E 29850N	.5	1.28	365	118	1.0	12	.29	.1	9	24	52	2.29	2	.04	12	.46	259	2	.01	17	440	40	5	2	1	1	.04	1	47.5	1	58	29
L16550E 29875N	.1	1.12	771	92	1.0	16	.22	.1	9	23	55	2.66	2	.05	16	.45	273	1	.01	17	350	55	10	2	1	1	.05	1	50.5	1	65	40
L16550E 29900N	.7	1.64	3266	98	1.8	18	.28	12.5	11	26	105	3.08	3	.07	17	.39	320	1	.01	21	610	59	31	3	1	1	.04	1	48.7	1	77	56
L16550E 29925N	.8	1.12	2783	238	2.3	15	.33	10.3	13	26	191	3.30	2	.06	9	.32	518	2	.01	15	370	122	73	2	6	5	.05	1	55.0	1	309	109
L16550E 29950N	.5	.97	622	73	1.0	9	.22	.1	7	19	47	2.10	2	.05	13	.31	178	1	.01	14	360	31	5	2	1	1	.05	1	42.0	1	53	27
L16550E 29975N	.8	1.17	1093	134	1.6	30	.66	.1	10	26	121	2.46	3	.12	18	.61	341	3	.01	15	830	44	14	2	1	1	.04	1	45.4	1	68	158
L16550E 30000N	1.3	.98	10	110	1.3	5	.15	.1	13	21	253	1.84	2	.14	16	.52	475	3	.01	15	480	48	7	2	1	1	.06	1	41.3	2	68	126
L16550E 30100N	.9	1.26	196	128	1.7	9	.68	.1	10	35	209	2.21	3	.11	22	.60	230	6	.01	32	1880	38	6	2	11	1	.04	1	117.7	3	82	161
L16550E 30150N	.5	1.08	1	128	1.1	10	.16	.1	9	31	55	2.27	4	.13	12	.50	482	5	.01	19	500	38	2	1	1	1	.08	1	104.9	3	64	20
L16550E 30175N	.9	1.07	154	188	1.1	9	.24	.1	10	34	63	3.21	4	.13	12	.44	386	4	.01	22	1240	70	23	3	1	1	.04	1	112.8	3	77	40
L16550E 30200N	.7	1.13	1	98	1.0	9	.18	.1	9	21	21	2.70	5	.05	16	.32	250	2	.01	15	390	35	2	2	1	1	.06	1	69.4	2	69	6
L16550E 29300N	.3	1.91	1	81	1.4	11	.31	.1	19	20	165	3.34	3	.03	10	.27	533	15	.01	43	770	58	5	3	1	1	.03	1	53.7	1	103	89
L16550E 29325N	.6	1.18	1	84	1.1	8	.18	.1	10	25	30	2.77	5	.03	15	.33	257	3	.01	20	400	40	2	2	1	1	.05	1	61.6	3	58	12
L16550E 29350N	.6	.70	1	136	.9	9	.15	.1	8	20	75	2.88	4	.04	6	.16	185	3	.01	15	380	44	1	3	1	1	.06	1	84.9	1	56	36
L16650E 29375N	.6	.48	1	79	.5	7	.12	.1	3	16	67	1.45	2	.05	2	.09	33	8	.01	11	570	28	3	1	1	1	.03	1	65.9	1	37	23
L16650E 29400N	.9	1.13	1	68	1.0	7	.25	.1	8	28	89	2.14	4	.05	18	.49	117	7	.01	21	450	74	22	2	1	1	.05	1	68.6	2	62	174
L16650E 29425N	.4	1.01	1	139	1.1	7	.69	.1	10	30	54	2.00	1	.09	20	.63	317	8	.01	23	560	43	2	2	4	1	.05	1	101.8	3	100	49
L16650E 29450N	.1	.96	1	214	1.3	6	.89	.1	18	32	156	2.62	1	.12	18	.55	729	14	.01	45	730	39	1	3	38	1	.04	1	151.1	3	116	57
L16650E 29475N	.4	.88	1	168	1.0	4	.48	.1	12	28	124	1.53	3	.08	18	.53	407	13	.01	39	550	22	3	2	25	1	.04	1	98.8	3	86	33
L16650E 29500N	.9	1.54	239	227	2.0	6	.89	.1	17	53	278	3.41	4	.16	31	.83	284	22	.02	96	2490	43	6	4	89	1	.05	1	148.5	4	86	98
L16650E 29525N	1.0	1.25	265	112	1.1	8	.23	.1	8	25	111	2.22	4	.04	18	.53	234	5	.01	17	510	46	15	2	1	1	.03	1	46.9	2	67	59
L16650E 29550N	1.2	1.19	322	101	1.1	8	.19	.1	8	22	125	2.13	3	.05	19	.47	235	3	.01	16	500	43	13	2	1	1	.03	1	41.3	1	69	58
L16650E 29575N	.8	1.19	64	141	1.1	9	.37	.1	10	29	69	2.32	3	.07	17	.59	260	3	.01	19	360	45	14	2	1	1	.05	1	49.3	2	69	86
L16650E 29600N	.5	1.18	244	127	1.1	6	.35	.1	9	18	64	2.05	1	.03	18	.50	305	3	.01	16	450	53	19	2	1	1	.03	1	39.9	1	73	31
L16650E 29625N	.2	1.30	117	123	1.1	9	.36	.1	11	21	47	2.31	1	.05	15	.53	465	3	.01	16	530	61	26	2	1	1	.04	1	44.1	1	100	21
L16650E 29650N	.5	.81	1	66	.7	8	.17	.1	6	14	27	1.54	2	.05	10	.34	119	1	.01	11	300	24	2	1	1	1	.04	1	39.4	1	43	32
L16650E 29675N	.2	1.13	1	70	1.0	6	.18	.1	8	17	83	2.02	1	.05	19	.48	197	1	.01	16	480	30	2	2	1	1	.03	1	33.6	1	62	66
L16650E 29700N	.3	1.35	752	87	1.3	19	.22	2.5	10	20	98	2.52	1	.07	17	.51	314	1	.01	17	420	94	29	3	1	1	.05	1	42.3	1	100	87
L16650E 29725N	.4	.88	865	106	1.0	16	.30	1.4	7	16	51	2.07	1	.10	14	.36	242	1	.01	10	420	43	9	2	1	1	.06	1	45.5	1	64	31
L16650E 29750N	.7	1.26	1299	101	1.6	13	.45	9.2	12	16	111	2.35	1	.04	12	.46	313	1	.01	14	760	241	58	2	1	1	.02	1	34.9	1	142	172
L16650E 29775N	1.3	.92	2130	124	1.7	25	.62	20.8	9	14	147	2.27	1	.07	10	.31	438	1	.01	11	850	530	183	2	1	1	.02	1	30.6	1	204	125
L16650E 29800N	.2	1.19	453	89	1.1	9	.35	.4	8	15	46	2.14	1	.06	15	.37	355	1	.01	12	570	34	7	2	1	1	.03	1	39.2	1	58	62
L16650E 29825N	3.1	.71	3111	92	2.1	10	.46	23.4	11	13	520	3.17	1	.06	7	.21	698	1	.01	14	800	203	235	3	1	1	.01	1	37.1	1	165	92
L16650E 29850N	1.4	1.15	935	88	1.3	11	.25	1.5	12	20	57	2.37	1	.06	16	.48	323	1	.01	21	340	38	43	1	1	1	.04	1	41.5	1	86	40
L16650E 29875N	.8	.85	2868	109	2.1	14	.84	16.0	8	20	58	2.61	1	.01	5	.19	179	1	.01	15	1220	44	11	2	25	9	.01	1	45.6	1	49	18
L16650E 29900N	.4	1.22	970	107	1.3	14	.30	.1	10	20	85	2.54	1	.05	15	.40	315	1	.01	16	520	48	13	2	1	1	.03	1	44.9	1	64	29
L16650E 29925N	.5	1.00	770	98	1.1	11	.37	.1	12	18	48	2.06	1	.05	16	.48	345	1	.01	19	650	29	3	2	1	1	.03	1	34.9	1	61	21
L16650E 29950N	1.0	.99	3137	81	1.4	41	.48	18.3	10	23	281	2.11	1	.05	23	.64	222	1	.01	15	910	59	19	2	1	1	.01	1	41.0	1	63	175
L16650E 29975N	.8	.96	3217	157	1.3	29	.49	23.8	11	20	185	2.53	1	.12	18	.48	332	1	.01	16	710	58	27	2	1	1	.04	1	41.1	1	95	113
L16650E 30025N	.9	.93	1206	103	1.3	24	.52	4.4	11	18	162	2.19	1	.11	19	.52	354	1	.01	16	900	52	11	2	1	1	.04	1	38.2	1	74	94
L16650E 30050N	.8	1.22	1814	96	1.4	31	.35	5.2	11	30	143	3.15	2	.13	27	.62	292	1	.01	20	680	54	13	3	1	1	.07	1	55.5	1	85	40
L16650E 30075N	.6	1.30	457	89	1.3	12	.18	.1	12	26	123	2.53	1	.20	24	.59	523	2	.01	17	560	44	3	3	1	1	.08	1	54.5	1	76	45
L16650E 30100N	.9	1.40	720	128	1.6	13	.42	.1	12	32	215	2.67	3	.18	29	.81	328	2	.01	21	700	40	11	3	1	1	.06	1	59.5	1	84	96
L16650E 30125N	.6	1.95	61	144	2.0	15	.24	.1	14	32	149	3.13	1	.17	34	.71	424	2	.01	26	910	67	14	3	1	1	.06	1	63.9	1	80	67
L16650E 30150N	.9	.73	62	55	.8	12	.10	.1	6	24	41	2.13	4	.07	8	.29	121	3	.01	14	400	30	1	1	1	1	.08	1	97.9	2	45	18
L16650E 30200N	.9	1.33	1287	213	1.8	10	.52	.1	12	50	188	4.57	1	.20	15	.39	450	13	.02	31	3220	77	62	5	1							

COMP: ORINOCO GOLD

PROJ:

ATTN: Henry Neugebauer

MIN-EN LABS — ICP REPORT

8282 SHERBROOKE ST., VANCOUVER, B.C. V5X 4E8
TEL:(604)327-3436 FAX:(604)327-3423

FILE NO: 5V-0311-SJ11+1

DATE: 95/08/1

* soil * (ACT:F31)

SAMPLE NUMBER	AG PPM	AL %	AS PPM	BA PPM	BE PPM	BI PPM	CA %	CD PPM	CO PPM	CR PPM	CU PPM	FE %	GA PPM	K %	LI PPM	MG %	MN PPM	MO PPM	NA %	NI PPM	P PPM	PB PPM	SB PPM	SN PPM	SR PPM	TH PPM	Tl %	U PPM	V PPM	W PPM	ZN PPM	Au-fire PPB
L16750E 29325N	.1	1.45	1	139	1.9	4	.29	.1	16	24	76	3.28	1	.12	25	.63	519	4	.01	38	930	109	8	3	1	1	.04	1	70.3	1	212	30
L16750E 29350N	.1	.66	1	99	1.0	5	.31	.1	8	19	51	2.67	1	.09	8	.27	254	4	.01	25	870	60	2	3	1	1	.03	1	89.7	1	151	18
L16750E 29375N	.1	1.73	1	107	2.3	6	.77	.1	18	32	259	4.94	1	.05	22	.40	692	7	.02	63	1790	60	1	6	22	1	.02	1	120.1	1	104	25
L16750E 29425N	.1	3.45	1	98	2.0	3	.49	.1	29	11	961	6.99	1	.07	15	.37	783	11	.02	68	1390	73	5	9	1	1	.01	1	32.5	1	152	594
L16750E 29450N	.1	1.00	1	146	1.0	4	.58	.1	10	25	120	2.36	1	.07	16	.65	264	6	.01	31	560	50	2	3	31	1	.03	1	74.1	1	93	47
L16750E 29475N	.1	.88	1	216	.9	3	.16	.1	7	25	94	2.24	1	.06	8	.29	220	2	.01	25	980	41	1	3	1	1	.02	1	85.6	1	67	23
L16750E 29500N	.2	1.18	1	147	1.3	4	.46	.1	11	29	119	2.29	1	.17	29	.80	398	3	.02	29	930	83	26	3	1	1	.04	1	68.2	1	88	21
L16750E 29525N	.1	.83	1	149	.6	6	.36	.1	11	25	48	1.58	1	.11	11	.46	981	6	.01	17	860	29	1	1	8	1	.04	1	68.5	1	78	115
L16750E 29550N	.2	1.02	1	173	.9	4	.50	.1	7	32	57	1.68	1	.08	21	.65	311	5	.01	20	1010	21	1	2	17	1	.04	1	89.2	2	63	56
L16750E 29575N	.1	.88	1	135	.9	5	.36	.1	14	29	83	1.79	1	.06	10	.36	780	11	.01	21	890	27	1	2	1	1	.03	1	86.5	2	63	31
L16750E 29600N	.6	1.22	1	113	1.0	6	.42	.1	9	40	150	2.27	1	.14	23	.71	257	6	.01	21	1240	28	1	2	1	1	.07	1	83.9	2	60	93
L16750E 29625N	.1	1.24	1	120	1.0	8	.22	.1	10	30	90	2.20	1	.14	19	.74	397	3	.01	16	380	56	6	2	1	1	.08	1	54.4	2	75	42
L16750E 29650N	.1	1.07	1	94	.9	7	.21	.1	8	20	49	2.10	1	.04	12	.44	285	4	.01	14	380	30	1	2	1	1	.03	1	42.4	1	65	37
L16750E 29675N	.5	1.53	158	108	1.4	8	.27	.1	10	24	175	2.56	1	.05	17	.49	320	1	.01	15	510	36	5	2	3	1	.04	1	48.4	1	99	108
L16750E 29700N	.6	1.37	1	133	1.0	9	.30	.1	8	23	85	2.27	1	.05	13	.48	253	1	.01	17	530	34	4	1	1	1	.03	1	50.6	1	70	83
L16750E 29725N	1.3	1.65	1037	102	1.8	6	.36	1.2	7	17	316	2.82	1	.07	10	.31	251	1	.01	11	400	67	31	2	1	1	.02	1	38.3	1	82	174
L16750E 29750N	.7	1.78	1	162	1.6	12	.20	.1	14	30	33	3.19	1	.14	21	.61	273	1	.01	18	280	43	5	3	1	1	.10	1	58.2	2	107	51
L16750E 29775N	.5	1.30	1	82	1.1	11	.22	.1	9	24	20	2.97	2	.06	14	.43	184	2	.01	15	430	71	24	2	1	1	.07	1	57.3	1	111	30
L16750E 29800N	.5	1.47	1	112	1.2	16	.28	.1	10	24	60	2.74	1	.07	16	.45	278	2	.01	15	400	36	5	2	1	1	.06	1	55.5	1	63	19
L16750E 29825N	.2	1.24	259	88	1.1	13	.23	.1	8	18	32	2.67	1	.04	15	.35	229	1	.01	14	360	69	19	2	1	1	.04	1	50.3	1	78	24
L16750E 29850N	.4	1.17	158	120	1.1	12	.38	.1	9	20	51	2.00	1	.05	11	.50	287	2	.01	17	650	58	15	2	1	1	.03	1	37.6	1	96	105
L16750E 29875N	.4	1.49	912	136	1.2	25	.30	.1	9	23	85	2.60	1	.05	20	.47	230	1	.01	15	450	82	14	2	1	1	.06	1	49.8	1	73	14
L16750E 29900N	1.1	.94	866	112	1.0	7	.39	6.9	6	18	81	1.88	1	.04	10	.44	288	1	.01	15	800	277	82	1	1	1	.02	1	35.7	1	204	24
L16750E 29925N	.8	1.24	540	120	1.2	10	.42	.1	9	22	60	2.28	1	.03	10	.50	341	2	.01	18	760	54	14	1	12	1	.03	1	45.1	1	78	53
L16750E 29950N	.4	.96	43	106	.9	6	.36	.1	8	17	56	1.96	1	.04	11	.47	274	1	.01	18	700	47	11	1	1	1	.03	1	34.3	1	74	46
L16750E 30000N	.8	1.02	2324	145	1.6	37	.77	6.5	18	18	128	2.45	1	.11	18	.58	506	1	.01	17	980	130	96	2	10	1	.04	1	37.6	1	102	184
L16750E 30025N	1.0	1.07	1711	131	1.3	38	.60	5.9	15	16	115	2.11	1	.06	16	.50	305	1	.01	15	870	115	73	2	24	1	.02	1	33.0	1	96	102
L16750E 30050N	.8	.89	1005	136	1.0	17	.60	.1	10	20	112	1.96	1	.05	15	.56	306	2	.01	16	860	89	39	2	17	1	.03	1	37.4	1	81	56
L16750E 30100N	2.6	.97	2315	137	1.5	18	.64	5.6	11	21	244	2.42	1	.07	18	.55	359	1	.01	16	960	130	89	2	14	1	.03	1	40.7	1	142	119
L16750E 30175N	1.5	1.12	1402	201	1.4	14	.86	.1	11	26	147	2.25	2	.11	17	.72	396	3	.01	21	1110	122	46	2	49	1	.05	1	51.8	2	118	74
L16750E 30200N	1.4	.99	1189	186	1.1	12	.85	.1	11	25	137	2.05	2	.13	18	.70	347	2	.01	19	1300	124	38	2	47	1	.06	1	51.8	2	99	59
L16750E 30225N	1.6	1.45	1188	181	1.6	21	.71	.1	10	26	265	2.36	1	.05	25	.72	268	2	.02	18	1130	76	38	3	24	1	.03	1	53.7	1	115	71
L16750E 30325N	.7	1.32	902	64	1.0	16	.24	.5	6	20	72	2.02	1	.04	11	.33	182	2	.01	12	850	61	19	2	1	1	.03	1	45.6	1	67	111
L16810E 30350N	3.3	1.29	202	83	2.0	8	.50	.1	11	25	64	3.98	1	.04	21	.57	400	4	.01	28	970	622	244	3	1	1	.04	1	87.7	2	302	46
L16850E 29300N	.6	1.38	40	100	1.0	5	.15	.1	10	24	46	2.48	1	.06	18	.50	204	1	.01	23	300	39	4	2	1	1	.03	1	50.0	1	68	12
L16850E 29325N	.6	1.13	279	116	1.2	9	.44	.1	14	24	35	2.35	1	.05	16	.41	398	4	.01	29	610	36	1	2	1	1	.03	1	81.6	2	81	33
L16850E 29350N	.5	1.10	16	173	1.8	7	.45	.1	19	31	79	3.88	1	.08	16	.29	678	6	.01	55	1710	89	9	4	1	1	.03	1	169.9	4	213	22
L16850E 29375N	.9	1.13	1	116	1.3	7	.16	.1	8	59	68	3.24	1	.08	14	.38	309	8	.01	25	1020	50	2	3	1	1	.05	1	294.4	7	97	14
L16850E 29400N	1.3	1.30	1	212	1.6	9	.24	.1	8	91	63	4.52	1	.10	12	.31	168	9	.03	23	2010	63	2	3	1	1	.05	1	465.5	11	73	22
L16850E 29425N	.7	1.40	1	120	2.2	4	.71	.1	12	30	104	2.57	1	.04	11	.28	306	4	.03	45	2760	47	2	2	13	1	.01	1	131.6	3	96	32
L16850E 29450N	.1	1.17	1	116	1.3	6	.36	.1	8	20	55	2.26	1	.05	18	.38	407	3	.01	16	960	50	2	2	1	1	.02	1	59.4	1	92	19
L16850E 29475N	.3	1.34	1	108	1.2	12	.17	.1	13	33	75	3.43	1	.05	21	.53	581	1	.01	26	540	54	2	3	1	1	.04	1	75.0	2	114	26
L16850E 29500N	.3	1.13	1	152	1.1	7	.26	.1	12	30	96	3.10	1	.06	9	.30	732	5	.01	35	1360	50	2	3	1	1	.03	1	139.5	3	129	89
L16850E 29525N	2.7	2.67	1	321	4.0	13	1.56	.1	14	98	363	8.28	5	.68	36	1.41	229	21	.09	37	8510	94	14	9	71	1	.10	1	329.3	8	112	100
L16850E 29550N	.8	1.68	1	156	1.2	7	.32	.1	12	33	56	2.34	1	.07	22	.76	254	1	.01	24	400	33	3	2	1	1	.07	1	53.5	2	70	18
L16850E 29600N	1.3	1.21	1	91	1.1	4	2.35	.1	8	56	116	1.63	2	.05	15	.63	182	2	.01	52	9220	27	3	2	201	1	.03	1	98.4	4	67	84
L16850E 29625N	1.0	1.38	1	93	1.0	6	.27	.1	8	26	74	2.38	2	.05	14	.46	181	3	.01	18	490	30	1	2	1	1	.06	1	64.2	2	70	13
L16850E 29650N	2.7	1.35																														

COMP: ORINOCO GOLD

PROJ:

ATTN: Henry Neugebauer

MIN-EN LABS — ICP REPORT

8282 SHERBROOKE ST., VANCOUVER, B.C. V5X 4E8

TEL:(604)327-3436 FAX:(604)327-3423

FILE NO: 5V-0311-SJ13+1

DATE: 95/08/11

* soil * (ACT:F31)

SAMPLE NUMBER	AG PPM	AL %	AS PPM	BA PPM	BE PPM	BI PPM	CA %	CD PPM	CO PPM	CR PPM	CU PPM	FE %	GA PPM	K %	LI %	MG %	MN PPM	MO PPM	NA %	NI PPM	P PPM	PB PPM	SB PPM	SN PPM	SR PPM	TH PPM	TI %	U PPM	V PPM	W PPM	ZN PPM	Au-fire PPB
L16850E 29675N	1.9	1.21	14	116	1.2	7	.51	.1	9	28	279	2.05	2.05	12	.50	185	2	.01	20	940	78	24	2	18	1	.03	1	45.1	2	97	136	
L16850E 29700N	.5	1.04	1	101	1.0	9	.34	.1	7	21	60	2.13	3.06	12	.43	275	1	.01	10	560	36	11	2	1	1	.05	1	46.8	1	70	68	
L16850E 29725N	.1	1.07	46	80	.9	7	.23	.1	7	23	30	2.48	2.06	15	.45	214	1	.01	13	440	45	8	2	1	1	.06	1	59.5	1	71	24	
L16850E 29750N	.8	1.09	733	73	1.0	12	.33	.1	7	22	75	2.20	4.05	9	.40	190	1	.01	10	680	59	26	2	1	1	.04	1	42.9	1	101	84	
L16850E 29775N	.4	1.28	1231	120	1.4	16	.33	7.1	14	21	98	2.45	1.10	16	.48	442	2	.01	14	670	93	40	3	1	1	.05	1	45.4	1	156	87	
L16850E 29800N	.5	1.08	1	92	.8	5	.27	.1	6	20	25	1.70	2.02	8	.37	147	1	.01	13	660	30	5	1	1	1	.03	1	34.5	1	61	6	
L16850E 29825N	.3	1.18	1	129	.6	8	.20	.1	6	21	21	1.82	2.02	8	.33	177	1	.01	10	480	34	7	1	1	1	.03	1	44.4	1	54	1	
L16850E 29850N	.1	1.26	136	178	1.1	7	.29	.1	12	21	27	2.56	2.04	13	.37	617	3	.01	15	560	34	5	2	1	1	.04	1	54.0	2	98	2	
L16850E 29875N	.1	1.10	1	223	1.0	9	.37	.1	9	19	22	2.72	1.03	9	.30	628	4	.01	13	480	37	1	2	1	1	.06	1	63.3	1	81	1	
L16850E 29900N	.8	1.57	1	183	1.2	9	.27	.1	10	26	14	3.26	4.02	14	.35	253	2	.01	13	390	34	1	2	1	1	.05	1	62.0	1	76	1	
L16850E 29925N	1.3	.87	1056	114	.9	10	.40	2.9	9	18	68	2.20	2.03	10	.32	233	2	.01	13	670	95	28	2	4	1	.04	1	43.9	1	85	34	
L16850E 30125N	2.8	1.54	4793	193	2.8	49	.70	26.0	20	33	440	3.97	3.12	24	.69	635	3	.02	23	1320	368	171	3	86	1	.06	1	54.4	2	168	205	
L16850E 30200N	2.2	2.03	3978	344	3.2	40	.69	6.1	20	49	559	6.88	5.30	24	.81	444	11	.06	41	2830	111	26	4	49	1	.09	1	140.3	3	85	162	
L16850E 30225N	1.0	1.72	3022	161	2.1	36	.48	11.2	16	39	542	4.02	2.07	20	.58	409	7	.01	42	1660	74	17	4	1	1	.04	1	140.4	3	117	268	
L16850E 30275N	.4	1.14	909	69	1.5	7	.50	.1	11	24	129	2.54	2.06	15	.58	329	2	.01	33	920	35	52	2	1	1	.02	1	76.7	1	143	5	
L16850E 30300N	.5	.77	42	52	.5	5	.11	.1	5	18	32	1.90	4.03	5	.27	110	3	.01	12	310	26	4	1	1	1	.05	1	65.8	2	53	1	
L16850E 30325N	1.0	.92	1	59	.8	6	.10	.1	7	20	54	2.83	2.05	10	.22	259	4	.01	16	640	52	5	3	1	1	.05	1	96.0	1	65	1	
L16850E 30350N	1.1	.74	44	85	.6	8	.11	.1	6	19	23	2.24	4.03	4	.20	155	5	.01	13	430	41	4	1	1	1	.07	1	94.3	1	54	6	
L16950E 29300N	.5	1.54	1	115	1.1	6	.21	.1	9	29	35	2.56	3.05	19	.58	236	6	.01	23	530	33	1	2	1	1	.05	1	68.3	1	78	7	
L16950E 29325N	.7	1.56	1	131	1.3	6	.20	.1	9	30	33	2.60	3.04	16	.58	248	7	.01	24	510	35	1	2	1	1	.04	1	68.5	2	75	5	
L16950E 29375N	.3	1.24	1	90	1.1	6	.15	.1	9	25	22	2.66	4.07	25	.56	196	1	.01	19	480	32	1	2	1	1	.04	1	48.3	1	64	2	
L16950E 29400N	1.0	1.04	1	116	1.0	6	.18	.1	7	28	25	2.73	2.04	14	.25	208	3	.01	16	970	47	1	2	1	1	.03	1	149.4	3	98	5	
L16950E 29425N	.9	.91	1	119	1.1	6	.18	.1	7	37	78	2.43	4.06	9	.24	84	4	.01	17	520	27	1	2	1	1	.06	1	246.2	5	69	10	
L16950E 29450N	.7	1.55	1	123	1.8	6	.23	.1	10	21	43	2.80	4.03	14	.36	190	1	.01	23	590	34	1	2	1	1	.04	1	68.7	1	71	6	
L16950E 29475N	.2	1.42	1	189	1.1	7	.55	.1	8	18	20	2.74	1.04	16	.38	384	8	.01	17	590	39	1	3	1	1	.03	1	84.9	1	87	7	
L16950E 29500N	.6	1.15	1	191	.9	8	.48	.1	8	19	17	3.07	1.04	16	.35	307	6	.01	15	580	41	1	2	1	1	.04	1	80.9	1	66	22	
L16950E 29525N	1.0	1.08	1	108	1.0	10	.20	.1	9	23	49	3.37	2.06	17	.39	211	2	.01	19	440	54	1	3	1	1	.06	1	77.1	1	64	23	
L16950E 29550N	.8	1.44	1	136	1.2	7	.33	.1	12	37	101	3.10	2.05	18	.58	315	3	.01	43	900	103	33	2	1	1	.03	1	142.0	3	94	54	
L16950E 29575N	1.1	1.52	1	123	1.1	6	.32	.1	8	29	100	2.19	3.08	25	.65	148	4	.01	19	350	35	1	2	1	1	.06	1	68.8	2	63	91	
L16950E 29600N	1.0	1.55	1	152	1.5	3	1.41	.1	7	52	109	1.97	1.08	38	.57	264	6	.02	49	5410	31	1	2	97	1	.04	1	141.9	4	141	72	
L16950E 29675N	.8	1.06	1	86	.8	8	.34	.1	6	19	74	2.14	1.06	16	.43	135	1	.01	13	570	31	1	2	24	1	.06	1	55.8	1	64	84	
L16950E 29700N	3.6	1.24	220	145	1.1	3	.35	.1	8	23	404	2.12	1.06	14	.43	279	1	.01	15	750	128	45	1	4	1	.03	1	44.9	2	125	147	
L16950E 29725N	.7	.92	1	101	.7	6	.23	.1	6	17	40	1.84	1.07	9	.37	315	2	.01	10	380	48	7	1	1	1	.04	1	49.5	1	55	37	
L16950E 29750N	.8	1.09	164	74	.8	8	.26	.1	7	18	42	2.18	1.06	12	.41	299	1	.01	11	530	47	10	2	1	1	.04	1	45.1	1	75	27	
L16950E 29775N	.9	1.10	292	94	.6	6	.27	.1	6	17	41	1.83	1.04	12	.43	149	1	.01	11	690	51	9	2	1	1	.03	1	37.6	1	66	15	
L16950E 29800N	.8	1.26	1	169	.8	9	.17	.1	9	16	46	2.02	1.11	7	.37	400	1	.02	14	970	51	4	2	1	1	.03	1	44.3	1	78	2	
L16950E 29825N	.1	1.15	1	230	.9	8	.34	.3	21	6	53	2.13	1.06	9	.38	2096	2	.01	15	860	68	5	2	9	1	.03	1	39.3	1	85	3	
L16950E 29850N	.5	1.25	1	191	1.1	7	.22	.1	10	16	27	2.73	1.08	17	.37	490	1	.01	14	710	49	2	3	1	1	.05	1	53.5	1	146	22	
L16950E 29875N	.6	1.10	131	164	.7	8	.25	.1	7	16	32	2.32	1.06	12	.40	282	1	.01	12	520	65	11	2	1	1	.04	1	45.1	1	88	15	
L16950E 29900N	.7	1.20	559	118	1.0	14	.37	.1	10	19	96	2.20	1.08	15	.53	322	1	.01	15	660	56	8	1	8	1	.04	1	42.2	1	79	30	
L16950E 29925N	.9	1.46	348	123	.9	11	.30	.1	8	23	67	2.39	1.07	16	.57	255	1	.01	16	620	93	23	2	22	1	.04	1	44.5	1	92	42	
L16950E 29950N	.5	1.57	215	123	.9	11	.34	.1	9	21	49	2.41	1.06	16	.53	258	1	.01	19	680	55	8	2	1	1	.04	1	44.8	1	74	22	
L16950E 29975N	.4	1.46	1	119	.8	4	.32	.1	10	19	37	2.60	1.06	16	.48	352	1	.01	17	610	81	33	2	1	1	.03	1	42.3	1	118	20	
L16950E 30000N	.9	1.20	1496	146	1.3	10	.48	7.4	10	50	105	2.59	1.06	13	.61	365	1	.01	20	780	59	18	2	1	1	.04	1	45.3	3	76	51	
L16950E 30025N	.3	1.40	1320	160	1.3	12	.50	5.3	13	27	137	2.63	1.09	20	.68	532	2	.01	19	1010	79	30	3	17	1	.05	1	48.2	1	101	107	
L16950E 30075N	.8	1.62	2716	241	1.8	23	.66	16.4	13	24	166	2.52	1.10	21	.75	499	1	.01	19	1350	58	11	2	206	1	.04	1	56.3	2	77	107	
L16950E 30125N	81.0	.78	>10000	166	3.2	281	.50	>100.0	18	19	1672	12.64	1.23	5	.27	55	32	.08	43	1040	2064	1020	9	118	1	.02	1	118.3	1	143	1920	
L16950E 30150N	3.0	1.14	1789	104	1.0	42	.19	11.4	6	27	104	2.29	2.09	15	.33	267	2	.01	11	970	96	27	1	1	1	.07	1	87.5	2	57	21	

COMP: ORINOCO GOLD

PROJ:

ATTN: Henry Neugebauer

MIN-EN LABS — ICP REPORT

8282 SHERBROOKE ST., VANCOUVER, B.C. V5X 4E8

TEL: (604) 327-3436 FAX: (604) 327-3423

FILE NO: 5V-0311-SJ15+1

DATE: 95/08/1

* soil * (ACT:F31)

SAMPLE NUMBER	AG PPM	AL %	AS PPM	BA PPM	BE PPM	BI PPM	CA %	CD PPM	CO PPM	CR PPM	CU PPM	FE %	GA PPM	K %	LI %	MN PPM	MO PPM	NA %	NI PPM	P PPM	PB PPM	SB PPM	SN PPM	SR PPM	TH PPM	TI %	U PPM	V PPM	W PPM	ZN PPM	Au-fire PPB	
L16950E 30175N	.7	1.31	2748	185	1.5	43	.59	24.5	13	31	243	3.20	1	.12	23	.62	332	1	.02	30	1580	85	21	3	31	1	.06	1	76.9	1	79	382
L16950E 30200N	.7	1.32	1229	137	1.2	24	.25	11.1	8	31	198	2.58	1	.09	15	.38	257	2	.01	21	930	41	2	2	1	1	.05	1	140.4	2	49	51
L17050E 29325N	.1	1.94	1	126	1.3	11	.33	.1	16	18	48	2.35	1	.07	21	.49	572	1	.02	32	960	35	1	2	1	1	.04	1	47.7	1	94	4
L17050E 29375N	.3	1.48	1	128	1.0	6	.20	.1	8	18	25	2.63	2	.04	18	.27	234	7	.01	21	560	30	1	2	1	1	.06	1	89.8	1	80	1
L17050E 29450N	.8	1.19	1	122	1.0	7	.18	.1	8	59	71	2.53	3	.07	16	.41	188	8	.01	33	600	44	1	2	1	1	.05	1	322.0	7	117	9
L17050E 29500N	.8	.62	1	110	.5	3	.56	.1	6	51	51	1.38	3	.06	9	.32	212	2	.02	16	660	25	1	1	12	1	.02	1	60.6	2	37	13
L17050E 29525N	.6	1.32	1	146	.9	7	.34	.1	9	24	53	2.66	3	.07	19	.45	167	1	.01	18	420	32	1	2	1	1	.05	1	60.1	1	57	13
L17050E 29575N	.4	.90	1	268	.9	5	.72	.1	12	20	86	1.94	1	.06	12	.38	465	4	.01	22	980	33	1	1	39	1	.04	1	62.8	1	55	29
L17050E 29600N	.9	.95	1	143	.7	6	.87	.1	7	26	51	1.94	2	.07	10	.44	170	4	.01	24	1720	29	1	1	47	1	.04	1	100.5	1	50	46
L17050E 29625N	.8	1.44	1	111	1.1	5	.38	.1	8	29	164	2.29	4	.05	13	.53	182	4	.01	23	660	31	1	2	1	1	.04	1	70.0	1	56	83
L17050E 29650N	.5	1.20	1	154	.9	6	.46	.1	9	28	119	2.47	1	.09	20	.45	316	4	.01	25	930	28	1	3	1	1	.04	1	108.2	1	72	43
L17050E 29675N	1.7	1.56	1	159	1.1	10	.34	.1	9	26	112	2.87	4	.05	15	.48	210	1	.01	18	490	52	13	2	1	1	.05	1	66.2	1	82	61
L17050E 29700N	1.1	1.33	16	124	1.0	6	.31	.1	9	22	149	2.45	2	.05	10	.44	402	1	.01	18	640	75	15	2	1	1	.04	1	51.0	1	90	41
L17050E 29725N	.5	1.18	346	92	.9	9	.25	.1	10	20	55	2.20	3	.04	10	.41	501	2	.01	16	690	58	12	2	1	1	.03	1	44.6	1	78	19
L17050E 29750N	.4	1.22	217	123	.8	9	.23	.1	12	20	44	2.46	2	.05	10	.46	647	1	.01	16	580	52	8	1	1	1	.04	1	49.7	2	72	21
L17050E 29775N	.5	1.23	207	116	.7	9	.25	.1	9	22	32	2.64	1	.04	12	.50	316	2	.01	18	460	44	2	2	1	1	.04	1	51.0	1	68	15
L17050E 29800N	.5	1.07	99	105	.6	6	.21	.1	6	20	34	2.19	3	.03	9	.42	185	1	.01	15	380	31	1	2	1	1	.03	1	46.0	1	54	43
L17050E 29825N	1.2	1.47	183	197	1.2	9	.35	.1	10	21	35	2.72	2	.07	16	.45	358	2	.01	15	630	41	1	2	1	1	.05	1	48.1	1	78	14
L17050E 29900N	.1	1.33	1	313	1.2	10	.61	.1	16	13	43	2.42	1	.11	18	.48	1433	1	.01	18	1310	43	1	2	46	1	.03	1	46.4	1	108	24
L17050E 29925N	1.0	1.36	294	203	1.2	19	.44	.9	10	22	130	2.54	2	.10	19	.57	502	1	.01	18	1000	49	5	2	43	1	.03	1	48.3	1	100	117
L17050E 29975N	.1	1.36	1	142	1.1	13	.22	.1	39	1	52	2.92	1	.05	6	.24	4911	2	.01	25	990	92	3	1	3	1	.04	1	60.0	1	67	36
L17050E 30000N	.4	1.30	137	88	.8	10	.20	.1	10	22	32	2.57	5	.04	10	.36	625	1	.01	15	440	61	12	1	1	1	.04	1	55.3	1	65	8
L17050E 30025N	1.4	1.61	671	167	1.2	12	.48	3.0	13	24	277	2.37	4	.07	13	.59	544	1	.01	21	730	308	52	1	38	1	.03	1	47.2	1	349	31
L17050E 30050N	2.3	1.45	1261	200	1.6	22	.52	5.3	18	59	281	2.75	7	.09	13	.89	472	2	.01	52	880	175	44	2	56	1	.06	1	94.1	4	174	156
L17050E 30100N	.8	1.19	2118	175	1.6	18	1.18	15.7	13	65	352	2.78	1	.26	25	.82	200	3	.03	48	4900	122	29	3	140	1	.08	1	125.8	4	82	163
L17050E 30125N	1.9	.60	3081	81	1.2	21	1.09	7.5	11	137	391	3.90	2	.11	19	.53	186	66	.01	106	3970	60	7	3	96	1	.03	1	938.0	19	44	81
L17150E 29300N	.1	1.09	614	105	1.2	10	.26	.1	9	40	45	3.43	4	.05	16	.52	148	8	.01	26	550	40	1	3	4	1	.07	1	157.8	4	57	12
L17150E 29325N	.1	1.17	1	117	1.2	4	.25	.1	8	31	39	2.72	1	.08	14	.41	187	6	.01	18	690	26	1	2	4	1	.05	1	108.3	3	42	2
L17150E 29350N	.1	1.41	1	135	1.3	3	.27	.1	6	19	23	2.11	1	.05	16	.26	129	3	.01	13	510	17	1	2	1	1	.04	1	53.0	1	43	4
L17150E 29375N	.1	1.35	1	133	1.0	4	.26	.1	8	22	18	2.58	1	.06	17	.40	210	5	.01	18	470	26	1	3	1	1	.04	1	63.7	1	58	11
L17150E 29400N	.1	1.72	1	172	1.5	4	.33	.1	12	28	53	2.83	1	.06	20	.47	238	3	.01	35	890	40	1	3	1	1	.04	1	74.4	2	81	17
L17150E 29425N	.1	1.10	1	101	.8	6	.21	.1	8	22	26	2.45	2	.04	10	.25	286	4	.01	15	580	40	1	3	1	1	.05	1	85.8	2	47	3
L17150E 29475N	.1	1.33	1	94	1.6	2	.38	.1	17	33	185	3.13	1	.07	26	.57	317	3	.01	34	680	52	1	3	17	1	.04	1	63.9	2	78	36
L17150E 29500N	.1	1.29	1	141	1.1	6	.36	.1	10	39	109	2.36	2	.09	26	.66	156	4	.01	30	720	31	4	2	8	1	.06	1	94.7	3	56	38
L17150E 29550N	.5	1.50	1	133	1.1	5	.49	.1	9	33	138	2.59	2	.11	19	.56	183	4	.01	20	540	30	1	2	1	1	.05	1	89.5	2	62	61
L17150E 29600N	.1	1.35	1	146	1.1	4	.27	6.0	14	20	96	2.36	1	.05	11	.39	869	2	.01	18	720	59	13	2	1	1	.03	1	44.5	2	71	33
L17150E 29625N	.1	1.55	1	514	1.4	12	.86	.1	20	34	174	2.74	1	.24	14	.71	1128	2	.03	41	1940	126	33	2	87	1	.08	1	70.6	3	149	36
L17150E 29650N	.1	1.18	939	155	1.0	7	.77	5.5	8	28	83	2.40	1	.06	18	.59	283	4	.01	15	590	48	13	2	29	1	.04	1	47.2	1	74	15
L17150E 29675N	.1	1.48	1067	164	1.3	11	.66	5.1	13	30	76	3.03	1	.09	25	.66	559	3	.01	19	500	64	11	3	22	1	.05	1	57.8	2	78	12
L17150E 29700N	.1	1.46	655	146	1.2	11	.61	2.3	12	33	71	2.88	2	.08	21	.67	298	3	.01	20	580	52	10	3	18	1	.07	1	58.1	2	80	21
L17150E 29725N	.4	1.59	349	197	1.4	10	.41	2.0	12	32	118	2.88	2	.08	21	.62	388	3	.01	19	940	58	7	3	6	1	.06	1	58.0	2	89	36
L17150E 29750N	.1	1.37	1	140	1.0	8	.41	.1	9	30	45	3.10	2	.08	19	.56	248	3	.01	20	660	41	7	3	2	1	.05	1	63.2	2	77	27
L17150E 29800N	.6	1.39	1	280	1.4	13	.63	.1	11	31	56	3.00	3	.06	17	.50	397	1	.01	20	700	69	11	2	40	1	.06	1	64.8	2	90	57
L17150E 29825N	1.9	1.51	169	204	1.3	16	.28	.1	14	32	60	3.47	3	.07	20	.57	404	2	.01	20	450	94	24	3	1	1	.06	1	66.0	2	122	35
L17150E 29850N	.5	1.39	1	151	1.1	17	.14	.1	12	26	28	2.95	3	.08	19	.49	348	2	.01	18	470	71	9	3	1	1	.09	1	63.8	2	109	30
L17150E 29875N	3.3	1.37	1	310	1.2	10	.64	.1	11	25	60	2.51	1	.08	16	.47	567	3	.01	19	1060	72	11	2	62	1	.05	1	49.4	2	90	39
L17150E 29925N	.7	1.48	716	127	1.3	17	.20	6.1	11	28	86	2.95	3	.05	12	.43	390	3	.01	19	550	79	15	3	1	1	.05	1				

COMP: ORINOCO GOLD

PROJ:

ATTN: Henry Neugebauer

MIN-EN LABS — ICP REPORT

8282 SHERBROOKE ST., VANCOUVER, B.C. V5X 4E8

TEL:(604)327-3436 FAX:(604)327-3423

FILE NO: 5V-0311-SJ17+1

DATE: 95/08/11

* soil * (ACT:F31)

SAMPLE NUMBER	AG PPM	AL %	AS PPM	BA PPM	BE PPM	BI PPM	CA %	CD PPM	CO PPM	CR PPM	CU PPM	FE %	GA PPM	K %	LI PPM	MG %	MN PPM	MO PPM	NA %	NI PPM	P PPM	PB PPM	SB PPM	SN PPM	SR PPM	TH PPM	TI %	U PPM	V PPM	W PPM	ZN PPM	Au-fire PPB
L17150E 30000N	.9	1.38	689	121	1.3	12	.22	.1	10	24	107	2.68	2	.05	16	.52	339	2	.01	20	510	95	14	2	1	1	.03	1	48.3	2	116	99
L17150E 30025N	.5	1.61	115	111	1.3	8	.21	.1	9	25	159	2.46	2	.04	16	.53	267	2	.01	18	530	58	4	2	1	1	.03	1	46.7	2	88	31
L17150E 30050N	.6	1.56	854	130	1.3	14	.24	.1	10	26	121	2.59	3	.04	13	.51	358	3	.01	22	480	397	19	2	5	1	.03	1	46.7	2	88	26
L17150E 30075N	.1	2.48	1254	465	2.6	22	.58	.1	29	262	208	5.12	1	.36	25	1.54	1009	3	.02	50	1120	178	37	6	1	1	.12	1	93.6	14	170	46
L17150E 30100N	2.4	1.34	2011	187	1.5	18	.90	.4	12	77	389	2.64	1	.14	21	.78	353	4	.01	41	2500	160	32	2	30	1	.06	1	321.8	9	140	144
L17150E 30125N	.8	1.30	767	131	1.6	10	.70	.1	12	39	160	2.54	1	.09	25	.72	305	2	.01	26	1460	65	15	2	23	1	.05	1	105.3	3	84	58
L17150E 30175N	2.4	1.37	1378	203	1.6	26	.87	.1	16	49	336	2.45	1	.18	24	.89	356	1	.01	41	1910	143	22	3	35	1	.06	1	142.1	4	86	173
L17150E 30200N	.6	1.40	587	251	3.1	9	1.11	.1	14	25	85	3.22	1	.10	13	.74	629	1	.01	24	1570	67	30	3	15	1	.03	1	86.2	2	104	29
L17250E 29300N	.3	1.01	1	127	1.0	3	.21	.1	7	26	44	2.03	3	.09	18	.56	128	2	.01	21	380	20	1	2	1	1	.04	1	62.0	2	64	9
L17250E 29325N	.2	1.16	1	133	1.2	4	.30	.1	8	31	60	2.62	2	.14	19	.59	177	4	.01	26	570	32	1	2	1	1	.04	1	71.3	2	70	15
L17250E 29350N	.1	1.22	1	122	1.5	4	.30	.1	12	29	66	3.03	1	.10	22	.59	227	3	.01	34	460	35	1	2	1	1	.04	1	68.4	2	90	5
L17250E 29375N	.2	1.54	605	244	1.6	8	.92	.1	13	50	74	2.78	2	.23	24	.80	454	6	.03	45	1820	38	1	3	9	1	.03	1	79.5	3	126	7
L17250E 29400N	.1	1.58	1	222	1.5	14	.86	.1	20	47	63	2.84	1	.18	27	.89	900	7	.03	58	1020	41	1	2	1	1	.05	1	93.0	4	368	6
L17250E 29425N	.5	1.31	1	125	1.3	5	.50	.1	11	24	25	2.65	1	.04	28	.41	200	5	.01	32	810	38	1	2	1	1	.03	1	82.3	2	70	4
L17250E 29450N	.3	1.20	1	135	1.0	5	.24	.1	8	23	35	2.33	2	.06	19	.49	153	6	.01	18	540	32	1	2	1	1	.04	1	67.7	2	54	3
L17250E 29525N	.7	.83	470	147	.9	4	1.04	.1	8	20	121	1.66	1	.05	14	.42	276	3	.01	17	410	49	11	2	57	1	.04	1	40.2	1	73	34
L17250E 29550N	1.2	.71	582	163	.9	5	1.21	.1	7	20	136	1.60	3	.05	14	.40	223	3	.01	15	410	58	14	1	61	1	.04	1	37.3	1	68	38
L17250E 29575N	1.3	.99	453	179	1.0	8	.94	.1	11	26	169	2.33	3	.14	25	.66	288	2	.01	23	630	63	15	2	31	1	.11	1	50.5	2	78	181
L17250E 29600N	1.0	.82	495	162	1.0	6	1.02	.1	9	23	223	1.99	2	.12	20	.55	284	2	.01	22	830	55	13	2	40	1	.07	1	45.7	1	97	32
L17250E 29650N	.8	1.27	797	147	1.3	8	.48	.1	8	24	98	2.41	2	.04	24	.52	183	2	.01	22	400	55	11	2	1	1	.04	1	45.4	1	78	43
L17250E 29675N	.9	1.11	329	179	1.0	5	.54	.1	9	23	95	2.18	2	.08	19	.57	261	2	.01	22	480	52	8	2	1	1	.06	1	48.3	2	72	35
L17250E 29700N	.8	1.25	660	145	1.3	7	.67	.1	8	22	88	2.31	1	.08	24	.58	186	1	.01	13	470	51	16	2	12	1	.04	1	43.3	1	73	27
L17250E 29725N	1.0	.85	445	152	.8	7	.70	.1	6	18	48	1.81	1	.04	12	.36	114	1	.01	13	510	78	20	2	23	1	.04	1	36.2	1	61	16
L17250E 29750N	.6	1.06	506	195	.9	6	.53	.1	8	21	81	2.06	1	.09	19	.54	251	2	.01	19	560	69	21	2	2	1	.05	1	41.8	1	84	59
L17250E 29800N	.7	1.27	371	203	1.2	9	.55	.1	9	24	58	2.25	2	.05	16	.58	217	2	.01	17	460	50	16	2	1	1	.05	1	46.1	2	71	59
L17250E 29825N	.7	1.22	298	128	1.2	9	.42	.1	8	21	60	2.23	1	.05	16	.49	177	1	.01	15	570	38	13	2	1	1	.03	1	42.8	1	67	74
L17250E 29850N	.8	1.25	254	165	1.0	8	.64	.1	8	23	77	2.25	2	.06	15	.57	226	1	.01	15	440	58	18	1	15	1	.05	1	45.5	1	89	129
L17250E 29875N	.5	1.21	205	100	.9	7	.21	.1	7	22	76	2.12	2	.03	11	.46	143	1	.01	16	300	39	4	2	1	1	.03	1	43.1	1	70	42
L17250E 29900N	.7	1.39	87	119	1.3	8	.21	.1	8	23	82	2.32	3	.04	14	.48	186	1	.01	16	360	29	2	2	1	1	.04	1	44.9	1	69	11
L17250E 29925N	.2	1.02	1	211	1.1	9	.38	.1	10	16	51	2.02	1	.05	11	.35	527	2	.01	14	520	34	1	2	3	1	.04	1	40.9	2	63	15
L17250E 29950N	.5	1.12	159	157	1.1	9	.30	.1	9	21	89	2.07	2	.04	11	.46	313	1	.01	16	440	27	2	2	1	1	.03	1	42.2	2	62	20
L17250E 29975N	.7	1.40	1697	186	1.5	28	.54	.2	11	24	190	2.58	2	.07	17	.56	350	3	.01	17	750	42	6	2	48	1	.05	1	46.1	3	81	61
L17250E 30000N	.8	1.20	1247	134	1.1	17	.36	1.0	9	20	111	2.08	2	.04	12	.55	282	2	.01	18	530	65	16	2	28	1	.02	1	36.0	2	87	62
L17250E 30025N	.6	1.16	34	169	1.0	7	.27	.1	9	18	42	2.04	1	.03	11	.39	304	2	.01	16	430	34	2	2	1	1	.03	1	41.7	2	62	12
L17250E 30050N	2.0	1.44	285	150	1.2	9	.41	.1	8	23	75	2.37	2	.05	17	.51	196	2	.01	17	390	58	9	2	1	1	.04	1	45.4	2	111	20
L17250E 30100N	.4	.83	35	115	.6	5	.36	.1	5	18	22	1.59	2	.03	9	.36	116	1	.01	14	650	30	3	1	1	1	.02	1	33.4	1	84	2
L17250E 30150N	.7	1.28	1374	141	1.8	25	.46	.1	20	25	183	3.05	2	.07	22	.55	432	3	.01	25	930	245	51	3	14	1	.05	1	52.0	2	196	67
L17250E 30175N	1.8	1.42	1434	167	2.4	13	.56	.1	24	25	305	3.40	3	.16	26	.68	403	3	.01	28	860	234	98	3	51	1	.07	1	50.7	2	229	102
L17250E 30200N	6.3	1.40	6739	243	2.4	60	.69	33.9	21	34	925	4.15	1	.23	23	.84	534	4	.01	34	1290	335	114	4	39	1	.06	1	64.3	3	233	320

PROJ:

ATTN: Henry Neugebauer

MIN-EN LABS — ICP REPORT

8282 SHERBROOKE ST., VANCOUVER, B.C. V5X 4E8

TEL: (604) 327-3436 FAX: (604) 327-3423

FILE NO: 5V-0293-SJ

DATE: 95/08/1

* soil * (ACT:F31

[illegible]

**MINERAL
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(DIVISION OF ASSAYERS CORP.)SPECIALISTS IN MINERAL ENVIRONMENTS
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8282 SHERBROOKE STREET
VANCOUVER, B.C. CANADA V5X 4E8
TELEPHONE (604) 327-3436
FAX (604) 327-3423**SMITHERS LAB:**
3176 TATLOW ROAD
SMITHERS, B.C. CANADA V0J 2N0
TEL (604) 847-3004
FAX (604) 847-3005**Geochemical Analysis Certificate****5V-0293-RG1**Company: **ORINOCO GOLD INC.**Date: **AUG-11-95**

Project:

Attn: **Henry Neugebauer***We hereby certify* the following Geochemical Analysis of 8 ROCK samples
submitted AUG-01-95 by ORINOCO GOLD.

Sample Number	Au-fire PPB
9511001	126
9511002	106
9511003	112
9511004	174
9511005	125
9511006	143
9511007	24
9511008	79

Certified by _____

MIN-EN LABORATORIES

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VANCOUVER, B.C. CANADA V5X 4E8
TELEPHONE (604) 327-3436
FAX (604) 327-3423**SMITHERS LAB:**
3176 TATLOW ROAD
SMITHERS, B.C. CANADA V0J 2N0
TEL (604) 847-3004
FAX (604) 847-3005**Geochemical Analysis Certificate****5V-0310-RG1**Company: **ORINOCO GOLD**Date: **AUG-11-95**Project:
Aun: **Henry Neugebauer**

We hereby certify the following Geochemical Analysis of ROCK samples
submitted AUG-04-95 by Henry Neugebauer.

Sample Number	Au-fire PPB
CFR-95-002	36
CFR-95-003	21
CFR-95-004	8
CFR-95-005	7
CFR-95-006	7
CFR-95-007	19
CFR-95-008	26
CFR-95-009	13
CFR-95-010	16
CFR-95-011	13
CFR-95-012	23
CFR-95-013	19
CFR-95-014	706
CFR-95-015	34
CFR-95-016	19
CFR-95-017	35
CFR-95-018	27
CFR-95-019	34
CFR-95-020	51
CFR-95-021	50
CFR-95-022	24
CFR-95-023	62
CFR-95-024	142
CFR-95-025	100

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VANCOUVER, B.C. CANADA V5X 4E8
TELEPHONE (604) 327-3436
FAX (604) 327-3423

SMITHERS LAB:
5176 TATLOW ROAD
SMITHERS, B.C. CANADA V0J 2N0
TEL (604) 847-3004
FAX (604) 847-3005

Geochemical Analysis Certificate

5V-0310-RG2

Company: **ORINOCO GOLD**Date: **AUG-11-95**

Project:

Atm: **Henry Neugebauer**

We hereby certify the following Geochemical Analysis of **ROCK** samples
submitted **AUG-04-95** by **Henry Neugebauer**.

Sample Number	Au-fine PPB
CFR-95-026	36
CFR-95-027	36
CFR-95-028	102
CFR-95-030	85
CFR-95-031	56
CFR-95-032	49
CFR-95-033	93
CFR-95-034	103
CFR-95-035	172
CFR-95-036	77
CFR-95-037	65
CFR-95-038	76
CFR-95-039	1000
CFR-95-040	73
CFR-95-041	80
CFR-95-042	72
CFR-95-043	67
CFR-95-044	107
CFR-95-045	206
CFR-95-046	227
CFR-95-047	70
CFR-95-048	98
CFR-95-049	152
CFR-95-050	71

Certified by



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TELEPHONE (604) 327-3436
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SMITHERS LAB:
3176 TATLOW ROAD
SMITHERS, B.C. CANADA V0J 2N0
TEL (604) 847-3004
FAX (604) 847-3005

Geochemical Analysis Certificate

5V-0310-RG3

Company: **ORINOCO GOLD**

Date: **AUG-11-95**

Project:

Attn: **Henry Neugebauer**

We hereby certify the following Geochemical Analysis of ROCK samples submitted AUG-04-95 by Henry Neugebauer.

Sample Number	Au-fire PPB
CFR-95-051	49
CFR-95-052	156
CFR-95-053	118
CFR-95-054	139
CFR-95-055	101
CFR-95-056	69
CFR-95-057	82
CFR-95-058	41
CFR-95-059	43
CFR-95-060	365
CFR-95-061	37
CFR-95-062	19
CFR-95-063	36
CFR-95-064	20
CFR-95-066	31
CFR-95-067	56
CFR-95-068	145
CFR-95-069	188
CFR-95-070	104
CFR-95-071	55
CFR-95-072	61
CFR-95-073	61
CFR-95-074	48
CFR-95-075	48

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VANCOUVER, B.C. CANADA V5X 4E8
TELEPHONE (604) 327-3436
FAX (604) 327-3423**SMITHERS LAB:**
3176 TATLOW ROAD
SMITHERS, B.C. CANADA V0J 2N0
TEL (604) 847-3004
FAX (604) 847-3005**Geochemical Analysis Certificate****5V-0310-RG4****Company: ORINOCO GOLD****Date: AUG-11-95****Project:****Attn: Henry Neugebauer**

We hereby certify the following Geochemical Analysis of ROCK samples submitted AUG-04-95 by Henry Neugebauer.

Sample Number	Au-fire PPB
CFR-95-076	30
CFR-95-077	17
CFR-95-078	66
CFR-95-079	184
CFR-95-080	62
CFR-95-081	52
CFR-95-082	148
CFR-95-083	422
CFR-95-084	55
CFR-95-085	18
CFR-95-086	115
CFR-95-087	108
CFR-95-088	72
CFR-95-089	44
CFR-95-090	8
CFR-95-091	7
CFR-95-092	6
CFR-95-093	55
CFR-95-094	38
CFR-95-095	8
CFR-95-096	16
CFR-95-097	67
CFR-95-098	27
CFR-95-099	40

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8282 SHERBROOKE STREET
VANCOUVER, B.C. CANADA V5X 4E8
TELEPHONE (604) 527-3436
FAX (604) 327-3423**SMITHERS LAB:**
3176 TATLOW ROAD
SMITHERS, B.C. CANADA V0J 2N0
TEL (604) 847-3004
FAX (604) 847-5005**Geochemical Analysis Certificate****5V-0310-RG5**Company: **ORINOCO GOLD**Date: **AUG-11-95**

Project:

Ann: **Henry Neugebauer**

We hereby certify the following Geochemical Analysis of ROCK samples
submitted AUG-04-95 by Henry Neugebauer.

Sample Number	Au-fire PPB
CFR-95-100	36
CFR-95-101	13
CFR-95-102	24
CFR-95-103	48
CFR-95-104	63
CFR-95-105	90
CFR-95-106	123
CFR-95-107	210
CFR-95-108	462
CFR-95-109	228
CFR-95-110	25
CFR-95-111	46
CFR-95-112	20
CFR-95-113	20
CFR-95-114	19
CFR-95-115	16
CFR-95-116	20
CFR-95-117	18
CFR-95-118	161
TR-95-06-01	19
TR-95-06-02	27
TR-95-06-03	91
TR-95-06-04	54
TR-95-06-05	23

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8282 SHERBROOKE STREET
VANCOUVER, B.C. CANADA V5X 4E8
TELEPHONE (604) 327-3436
FAX (604) 327-3423**SMITHERS LAB:**
3176 TATLOW ROAD
SMITHERS, B.C. CANADA V0J 2N0
TEL (604) 847-3004
FAX (604) 847-3005**Geochemical Analysis Certificate****5V-0310-RG6****Company: ORINOCO GOLD****Date: AUG-11-95****Project:****Attn: Henry Neugebauer**

We hereby certify the following Geochemical Analysis of 24 ROCK samples submitted AUG-04-95 by Henry Neugebauer.

Sample Number	Au-fire PPB
TR-95-06-06	17
TR-95-06-07	16
TR-95-06-08	10
TR-95-06-09	22
TR-95-06-10	20
TR-95-06-11	41
TR-95-06-12	46
TR-95-06-13	33
TR-95-06-14	60
TR-95-06-15	9
TR-95-06-16	11
TR-95-06-17	10
TR-95-06-18	8
TR-95-06-19	5
TR-95-06-20	19
TR-95-06-21	16
TR-95-06-22	34
TR-95-06-23	59
TR-95-06-24	46
TR-95-06-25	60
TR-95-06-26	62
TR-95-06-27	39
TR-95-06-28	28
TR-95-06-29	26

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SMITHERS LAB:
3176 TATLOW ROAD
SMITHERS, B.C. CANADA V0J 2N0
TEL (604) 847-3004
FAX (604) 847-3005

Geochemical Analysis Certificate

5V-0310-RG7

Company: ORINOCO GOLD

Date: AUG-11-95

Project:
Attn: Henry Neugebauer

**We hereby certify the following Geochemical Analysis of ROCK samples
submitted AUG-04-95 by Henry Neugebauer.**

Sample Number	Au-fire PPB
TR-95-06-30	82
TR-95-06-31	13
TR-95-06-32	187
TR-95-06-33	16
TR-95-06-34	10
TR-95-06-35	12
TR-95-06-36	5
TR-95-06-37	17
TR-95-06-38	40
TR-95-06-39	21
TR-95-06-40	5
TR-95-06-41	5
TR-95-06-42	22
TR-95-06-43	223
TR-95-06-44	71
TR-95-06-45	17
TR-95-06-46	49
TR-95-06-47	96
TR-95-06-48	29
TR-95-06-49	13

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SMITHERS LAB:
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SMITHERS, B.C. CANADA V0J 2N0
TEL (604) 847-3006
FAX (604) 847-3005

Geochemical Analysis Certificate

5V-0318-RG2

Company: **ORINOCO GOLD INC.**

Date: **AUG-16-95**

Project:

Assn: **H. Neugebauer**

We hereby certify the following Geochemical Analysis of 24 ROCK samples submitted AUG-10-95 by ORINOCO GOLD.

Sample Number	Au-fire PPM	Au g/tonne	Au oz/ton
CFR95-139	21		
CFR95-140	41		
CFR95-141	27		
CFR95-142	38		
CFR95-143	23		
CFR95-144	20		
CFR95-145	42		
CFR95-146	46		
CFR95-147	45		
CFR95-148	13		
CFR95-149	7		
CFR95-150	321		
CFR95-151	21		
CFR95-152	12		
CFR95-154	1235	1.27	.037
CFR95-155	88		
CFR95-156	15		
CFR95-157	94		
CFR95-158	439		
CFR95-159	1		
CFR95-160	11		
CFR95-161	3		
CFR95-162	3		
CFR95-163	20		

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TEL (604) 847-3004
FAX (604) 847-3005**Geochemical Analysis Certificate****5V-0293-SG1**Company: **ORINOCO GOLD INC.**Date: **AUG-11-95**

Project:

Attn: **Henry Neugebauer**

We hereby certify the following Geochemical Analysis of 2 SOIL samples
submitted AUG-01-95 by ORINOCO GOLD.

Sample Number	Au - fire PPB
S9511001	133
S9511002	104

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Geochemical Analysis Certificate

5V-0309-SG1

Company: **ORINOCO GOLD**

Date: **AUG-04-95**

Project:

Attn: **Henry Norgebauer**

We hereby certify the following Geochemical Analysis of 24 SOIL samples submitted AUG-03-95 by Henry Nargebauer.

Sample Number	AU-FIRE PPB
L16050E 29900N -35	5
L16050E 29900N -80	18
L16050E 29900N -200	16
L16150E 29700N -35	38
L16150E 29700N -80	36
L16150E 29700N -200	30
L16350E 30075N -35	22
L16350E 30075N -80	57
L16350E 30075N -200	29
L16450E 30150N -35	164
L16450E 30150N -80	297
L16450E 30150N -200	294
L16550E 29475N -35	366
L16550E 29475N -80	273
L16550E 29475N -200	262
L16750E 29400N -35	31
L16750E 29400N -80	24
L16750E 29400N -200	63
L16750E 30075N -35	75
L16750E 30075N -80	64
L16750E 30075N -200	75
L16850E 29575N -36	17
L16850E 29575N -80	21
L16850E 29575N -200	19

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TEL (604) 847-3004
FAX (604) 847-3005**Geochemical Analysis Certificate**

5V-0311-SG2

Company: **ORINOCO GOLD**Date: **AUG-14-95**

Project:

Attn: **HENRY NARGEBAUER**

We hereby certify the following Geochemical Analysis of 24 SOIL samples
submitted AUG-08-95 by HENRY NARGEBAUER.

Sample Number	AU-FIRE PPB
L16050E 29950N	11
L16050E 29975N	42
L16050E 30000N	33
L16050E 30025N	13
L16050E 30050N	14
L16050E 30100N	12
L16050E 30125N	2
L16050E 30150N	6
L16050E 30175N	2
L16050E 30200N	4
L16150E 29300N	72
L16150E 29325N	103
L16150E 29350N	101
L16150E 29375N	77
L16150E 29400N	60
L16150E 29425N	112
L16150E 29450N	175
L16150E 29475N	145
L16150E 29500N	219
L16150E 29525N	169
L16150E 29550N	146
L16150E 29575N	287
L16150E 29600N	71
L16150E 29625N	115

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SMITHERS LAB:
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SMITHERS, B.C. CANADA V0J 2N0
TEL (604) 847-3004
FAX (604) 847-3005

Geochemical Analysis Certificate

5V-0311-SG4

Company: **ORINOCO GOLD**

Project:

Attn: **Henry Neugebauer**

Date: **AUG-15-95**

Copy 1. Orinoco Gold, Vancouver, B.C.

We hereby certify the following Geochemical Analysis of 24 soil samples submitted AUG-08-95 by H. Neugebauer.

Sample Number	Au-fire PPB
L16250E 29300N	56
L16250E 29350N	67
L16250E 29375N	153
L16250E 29425N	149
L16250E 29450N	159
L16250E 29475N	159
L16250E 29500N	292
L16250E 29525N	304
L16250E 29575N	783
L16250E 29600N	98
L16250E 29625N	90
L16250E 29650N	116
L16250E 29675N	70
L16250E 29700N	52
L16250E 29725N	77
L16250E 29750N	86
L16250E 29775N	105
L16250E 29800N	97
L16250E 29825N	83
L16250E 29850N	90
L16250E 29875N	127
L16250E 29900N	185
L16250E 29925N	41
L16250E 29950N	43

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TEL (604) 847-3004
FAX (604) 847-3005

Geochemical Analysis Certificate

5V-0311-SG6

Company. **ORINOCO GOLD**

Project:

Ass: **Henry Neugebauer**

Date: **AUG-15-95**

Copy 1. Orinoco Gold, Vancouver, B.C.

We hereby certify the following Geochemical Analysis of SOIL samples
submitted AUG-08-95 by H. Neugebauer.

Sample Number	Au-fire PPB
L16350E 29750N	72
L16350E 29775N	116
L16350E 29800N	59
L16350E 29825N	56
L16350E 29850N	49
L16350E 29875N	79
L16350E 29900N	51
L16350E 29925N	157
L16350E 29950N	205
L16350E 29975N	64
L16350E 30000N	148
L16350E 30025N	29
L16350E 30050N	21
L16350E 30100N	37
L16350E 30125N	218
L16350E 30150N	132
L16350E 30175N	148
L16350E 30200N	92
L16450E 29300N	28
L16450E 29325N	58
L16450E 29350N	45
L16450E 29375N	99
L16450E 29400N	134
L16450E 29425N	199

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Geochemical Analysis Certificate

5V-0311-SG11

Company: ORINOCO GOLD

Project:

Attn. Henry Neugebauer

Date: AUG-15-95

Copy 1 Orinoco Gold, Vancouver, B.C.

**We hereby certify the following Geochemical Analysis of SOIL samples
submitted AUG-08-95 by H. Neugebauer.**

Sample Number	Au-fire PPB
L16750E 29325N	30
L16750E 29350N	18
L16750E 29375N	25
L16750E 29425N	594
L16750E 29450N	47
L16750E 29475N	23
L16750E 29500N	21
L16750E 29525N	115
L16750E 29550N	56
L16750E 29575N	31
L16750E 29600N	93
L16750E 29625N	42
L16750E 29650N	37
L16750E 29675N	108
L16750E 29700N	83
L16750E 29725N	174
L16750E 29750N	51
L16750E 29775N	30
L16750E 29800N	19
L16750E 29825N	24
L16750E 29850N	105
L16750E 29875N	14
L16750E 29900N	24
L16750E 29925N	53

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TEL (604) 847-3004
FAX (604) 847-3005

Geochemical Analysis Certificate

5V-0311-SG13

Company: ORINOCO GOLD

Project:

Attn: Henry Neugebauer

Date: AUG-15-95

Copy 1. Orinoco Gold, Vancouver, B.C.

**We hereby certify the following Geochemical Analysis of SOIL samples
submitted AUG-08-95 by H. Neugebauer.**

Sample Number	Au-fire PPB
L16850E 29675N	136
L16850E 29700N	68
L16850E 29725N	24
L16850E 29750N	84
L16850E 29775N	87
L16850E 29800N	6
L16850E 29825N	1
L16850E 29850N	2
L16850E 29875N	1
L16850E 29900N	1
L16850E 29925N	34
L16850E 30125N	205
L16850E 30200N	162
L16850E 30225N	268
L16850E 30275N	5
L16850E 30300N	1
L16850E 30325N	1
L16850E 30350N	6
L16950E 29300N	7
L16950E 29325N	5
L16950E 29375N	2
L16950E 29400N	5
L16950E 29425N	10
L16950E 29450N	6

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TEL (604) 847-3004
FAX (604) 847-3005

Geochemical Analysis Certificate

5V-0311-SG15

Company: **ORINOCO GOLD**
Project:
Attn: **Henry Neugebauer**

Date: **AUG-15-95**
Copy 1: Orinoco Gold, Vancouver, B.C.

We hereby certify the following Geochemical Analysis of SOIL samples
submitted AUG-08-95 by H. Neugebauer.

Sample Number	Au-fire PPB
L16950E 30175N	382
L16950E 30200N	51
L17050E 29325N	4
L17050E 29375N	1
L17050E 29450N	9
L17050E 29500N	13
L17050E 29525N	13
L17050E 29575N	29
L17050E 29600N	46
L17050E 29625N	83
L17050E 29650N	43
L17050E 29675N	61
L17050E 29700N	41
L17050E 29725N	19
L17050E 29750N	21
L17050E 29775N	15
L17050E 29800N	43
L17050E 29825N	14
L17050E 29900N	24
L17050E 29925N	117
L17050E 29975N	36
L17050E 30000N	8
L17050E 30025N	31
L17050E 30050N	156

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SMITHERS LAB:
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SMITHERS, B.C. CANADA V0J 2N0
TEL (604) 847-3004
FAX (604) 847-3005

Geochemical Analysis Certificate

5V-0311-SG17

Company: **ORINOCO GOLD**

Project:

Attn: **Henry Neugebauer**

Date: **AUG-15-95**

Copy to: **Orinoco Gold, Vancouver, B.C.**

We hereby certify the following Geochemical Analysis of SOIL samples
submitted AUG-08-95 by H. Neugebauer.

Sample Number	Au-fire PPB
L17150E 30000N	99
L17150E 30025N	31
L17150E 30050N	26
L17150E 30075N	46
L17150E 30100N	144
L17150E 30125N	58
L17150E 30175N	173
L17150E 30200N	29
L17250E 29300N	9
L17250E 29325N	15
L17250E 29350N	5
L17250E 29375N	7
L17250E 29400N	6
L17250E 29425N	4
L17250E 29450N	3
L17250E 29525N	34
L17250E 29550N	38
L17250E 29575N	181
L17250E 29600N	32
L17250E 29650N	43
L17250E 29675N	35
L17250E 29700N	27
L17250E 29725N	16
L17250E 29750N	59

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FAX (604) 847-3005

Geochemical Analysis Certificate

5V-0311-SG18

Company: **ORINOCO GOLD**

Project:

Attn: **Henry Neugebauer**

Date: **AUG-15-95**

Copy : Orinoco Gold, Vancouver, B.C.

We hereby certify the following Geochemical Analysis of SOIL samples
submitted AUG-08-95 by H. Neugebauer.

Sample Number	Au - fire PPB
L17250E 29800N	59
L17250E 29825N	74
L17250E 29850N	129
L17250E 29875N	42
L17250E 29900N	11
L17250E 29925N	15
L17250E 29950N	20
L17250E 29975N	61
L17250E 30000N	62
L17250E 30025N	12
L17250E 30050N	20
L17250E 30100N	2
L17250E 30150N	67
L17250E 30175N	102
L17250E 30200N	320

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FAX (604) 847-3005

Geochemical Analysis Certificate

SV-0311-SC1

Company: **ORINOCO GOLD**

Project:

Attn: **Henry Neugebauer**Date: **AUG-16-95**

Copy 1. Orinoco Gold, Vancouver, B.C.

We hereby certify the following Geochemical Analysis of 24 SOIL samples
submitted AUG-08-95 by H. Neugebauer.

Sample Number	Au-fire PPB
L16050E 29250N	8
L16050E 29275N	9
L16050E 29300N	90
L16050E 29325N	47
L16050E 29350N	153
L16050E 29400N	46
L16050E 29450N	60
L16050E 29475N	30
L16050E 29525N	41
L16050E 29550N	29
L16050E 29575N	34
L16050E 29600N	33
L16050E 29625N	18
L16050E 29650N	50
L16050E 29675N	22
L16050E 29700N	19
L16050E 29725N	20
L16050E 29750N	28
L16050E 29775N	15
L16050E 29800N	24
L16050E 29825N	18
L16050E 29850N	11
L16050E 29875N	10
L16050E 29925N	2

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5V-0311-SC8

Geochemical Analysis CertificateCompany: **ORINOCO GOLD**Date: **AUG-16-95**

Project:

copy 1. Orinoco Gold, Vancouver, B.C.

Assn: **Henry Neugebauer**

We hereby certify the following Geochemical Analysis of **SOIL** samples
submitted AUG-08-95 by H. Neugebauer.

Sample Number	Au-fire PPB
L16450E 30075N	26
L16450E 30100N	14
L16450E 30125N	29
L16450E 30175N	3
L16550E 29300N	12
L16550E 29325N	127
L16550E 29350N	30
L16550E 29375N	58
L16550E 29400N	54
L16550E 29425N	45
L16550E 29450N	110
L16550E 29500N	74
L16550E 29525N	53
L16550E 29550N	47
L16550E 29575N	52
L16550E 29600N	44
L16550E 29625N	61
L16550E 29650N	87
L16550E 29675N	62
L16550E 29700N	65
L16550E 29725N	68
L16550E 29750N	97
L16550E 29775N	63
L16550E 29800N	31

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FAX (604) 527-3423

SMITHERS LAB:
5178 TATLOW ROAD
SMITHERS, B.C. CANADA V0J 2N0
TEL (604) 847-3004
FAX (604) 847-3005

Geochemical Analysis Certificate

SV-0311-SG16

Company: **ORINOCO GOLD**

Project:

Attn: **Henry Neugebauer**Date: **AUG-16-95**

Copy to: Orinoco Gold, Vancouver, B.C.

We hereby certify the following Geochemical Analysis of 24 SOIL samples
submitted AUG-08-95 by H. Neugebauer.

Sample Number	Au-fire PPB
L17050E 30100N	163
L17050E 30125N	81
L17150E 29300N	12
L17150E 29325N	2
L17150E 29350N	4
L17150E 29375N	11
L17150E 29400N	17
L17150E 29425N	3
L17150E 29475N	36
L17150E 29500N	38
L17150E 29550N	61
L17150E 29600N	33
L17150E 29625N	36
L17150E 29650N	15
L17150E 29675N	12
L17150E 29700N	21
L17150E 29725N	36
L17150E 29750N	27
L17150E 29800N	57
L17150E 29825N	35
L17150E 29850N	30
L17150E 29875N	39
L17150E 29925N	87
L17150E 29950N	106

Certified by


MIN-EN LABORATORIES

APPENDIX C
IDA - GEOCHEMICAL ANALYSES

COMP: ORINOCO GOLD

PROJ:

ATTN: H. Neugebauer

MIN-EN LABS — ICP REPORT

8282 SHERBROOKE ST., VANCOUVER, B.C. V5X 4E8

TEL:(604)327-3436 FAX:(604)327-3423

FILE NO: 5V-0391-SJ1+2+3

DATE: 95/09/27

* soil * (ACT:F31)

SAMPLE NUMBER	AG PPM	AL %	AS PPM	BA PPM	BE PPM	BI PPM	CA %	CD PPM	CO PPM	CR PPM	CU PPM	FE %	GA PPM	K %	LI PPM	MG %	MN PPM	MO PPM	NA %	NI PPM	P PPM	PB PPM	SB PPM	SN PPM	SR PPM	TH PPM	TI %	U PPM	V PPM	W PPM	ZN PPM	Au-fire PPB
L9S95001	.7	.87	298	103	5.0	12	4.52	.1	30	27	135	4.84	1	.11	9	1.03	1240	2	.01	101	1780	115	56	1	176	7	.01	1	35.9	2	153	38
L9S95002	.6	1.03	1468	98	4.4	8	.95	.1	15	12	65	3.24	1	.14	9	.28	412	3	.01	20	1330	62	30	1	41	4	.01	1	35.4	1	87	144
L9S95003	.3	.70	589	72	2.2	6	.64	1.6	6	6	22	1.61	1	.10	6	.17	403	10	.01	16	900	35	45	1	126	14	.01	1	18.7	1	325	369
L9S95004	.6	1.26	34	181	2.0	11	.33	.1	11	37	60	2.65	1	.14	24	.64	318	3	.02	32	700	38	12	1	1	1	.08	1	65.5	3	70	107
L9S95005	.1	2.22	1	147	4.6	9	1.12	.1	13	12	25	3.01	1	.12	23	.67	875	3	.01	17	1140	75	34	1	154	4	.01	1	31.9	2	104	376
L9S95006	.1	1.49	1	119	3.4	8	.67	.1	22	11	87	2.63	1	.09	13	.46	1335	3	.01	27	740	75	26	1	93	2	.02	1	33.8	2	98	77
L9S95007	.1	.81	167	65	3.3	6	.64	.1	13	9	36	3.52	1	.13	3	.08	555	4	.02	17	1260	57	50	1	54	6	.01	1	29.3	1	80	79
L9S95008	.7	1.07	1	129	4.3	9	.60	.1	11	11	123	4.58	1	.24	3	.15	263	3	.10	18	1250	66	24	1	220	8	.01	1	32.9	1	95	45
L9S95009	1.2	1.07	1280	357	2.1	16	.25	.1	33	29	114	2.48	1	.34	28	.59	260	4	.01	44	360	34	22	1	1	1	.08	1	50.1	3	46	696
L9S95010	.7	1.51	1	220	2.2	12	.23	.1	10	28	48	2.77	2	.14	24	.52	297	3	.01	21	450	35	17	1	1	1	.08	1	64.2	3	59	94
L9S95011	1.3	.84	629	339	1.8	8	.26	.1	12	28	297	1.74	3	.27	23	.42	164	7	.01	21	620	26	27	1	6	1	.06	1	46.0	3	26	299
L9S95012	.7	.63	2258	186	1.8	8	.50	.1	12	13	326	1.95	1	.09	11	.19	78	12	.01	23	500	28	36	1	50	1	.01	1	36.1	1	68	790
T10B001	1.2	2.04	19	298	4.1	14	1.00	.1	14	26	63	3.02	2	.31	49	.87	557	2	.01	19	980	55	40	1	193	4	.08	1	51.0	3	121	112
T10B002	1.1	1.47	813	184	2.9	17	.98	.1	14	24	160	2.41	1	.48	46	.79	317	3	.02	19	1190	76	63	1	325	3	.07	1	56.5	3	86	138
T10B003	1.0	1.23	716	161	2.6	13	.70	.1	11	19	58	2.35	1	.31	33	.56	536	3	.02	16	1080	65	86	1	96	7	.08	1	38.9	2	134	73
T10B005	1.1	1.17	1098	146	2.1	9	1.02	.1	9	13	39	1.46	4	.13	21	.45	391	3	.02	13	920	36	33	1	412	14	.01	1	23.7	1	59	407
T10B006	.4	.66	1090	112	1.8	11	.40	.1	13	14	117	1.97	1	.14	16	.32	330	6	.01	26	760	36	30	1	16	1	.02	1	37.6	1	49	702
T10B007	.9	2.00	3	553	3.0	19	.78	.1	21	31	310	2.36	3	.31	49	.99	464	4	.01	45	650	39	36	2	261	1	.06	1	64.0	3	56	593
T10B008	.3	2.13	1	427	3.5	10	.77	.1	18	20	152	2.76	1	.14	66	.88	624	3	.01	34	860	48	33	1	241	1	.04	1	68.6	3	63	156
T10B009	1.5	1.30	719	367	2.5	13	1.06	.1	19	35	502	2.44	4	.28	32	.63	312	11	.01	57	3210	38	43	1	54	2	.05	1	114.6	4	61	1260
T10B010	1.7	1.79	260	456	2.9	15	.52	.1	18	48	261	2.52	6	.76	45	1.25	306	8	.01	47	610	42	54	1	11	1	.12	1	109.4	5	84	515
T10B011	1.6	1.05	1289	303	2.7	10	.83	.1	20	57	512	2.86	1	.17	17	.36	245	17	.02	67	3290	63	63	1	25	1	.03	1	204.0	6	64	454
T10B012	1.3	1.19	4596	309	3.9	30	.40	.1	24	12	381	3.92	1	.22	15	.45	499	7	.02	43	1060	109	77	1	25	1	.01	1	39.0	1	80	211
T10B013	2.5	1.95	6602	251	3.9	25	1.40	.1	28	37	488	4.13	2	.74	68	1.35	221	8	.02	72	5340	55	39	1	22	1	.06	1	110.4	4	72	114
T10B014	.8	2.75	282	258	6.5	18	.76	.1	22	33	359	7.88	1	.61	33	1.36	397	24	.08	59	6450	87	26	1	130	1	.08	1	120.1	3	104	41
T10B015	.3	2.59	1	171	5.9	13	.50	.1	27	25	324	6.38	1	.39	49	1.15	383	9	.05	66	3030	73	27	1	112	1	.06	1	101.8	2	95	27
T10B016	.1	2.23	1	154	2.8	9	.39	.1	9	39	87	2.71	1	.37	43	1.10	334	4	.02	26	1540	47	27	3	1	1	.04	1	120.8	4	74	7
T10B017	.2	1.48	1	165	1.8	7	.31	.1	7	44	54	1.93	1	.30	30	.75	245	4	.02	29	900	42	25	1	1	1	.04	1	57.2	3	70	2
T10B018	.1	1.84	1	156	2.7	9	.29	.1	13	33	48	2.93	1	.07	20	.60	517	3	.01	37	820	45	17	1	1	1	.04	1	123.2	4	86	11
T10B019	.1	2.16	1	186	3.0	11	.25	.1	13	36	52	3.03	1	.14	27	.81	457	3	.01	36	810	42	20	1	1	1	.05	1	102.6	3	83	10
T10B020	.4	2.11	1	281	3.3	11	.24	.1	11	51	135	3.65	1	.11	23	.80	346	5	.01	42	1180	52	43	1	1	1	.03	1	150.7	5	176	12
T10B021	1.2	1.02	26	123	2.3	10	.58	.1	9	51	114	2.77	1	.07	13	.49	288	19	.01	44	1950	47	17	1	28	1	.03	1	445.4	9	57	15
T10B022	.4	.81	9	248	3.0	10	.05	.1	5	30	111	4.21	1	.16	5	.19	71	10	.01	19	1150	64	35	1	1	1	.02	1	95.5	2	38	11
T10B023	2.8	2.09	145	772	6.5	21	.14	.1	10	53	241	8.48	1	.86	29	.98	127	17	.05	32	2680	204	50	1	42	1	.05	1	165.0	4	67	30
T10B024	1.4	1.78	1	260	4.1	11	.35	.1	15	31	280	4.87	1	.20	29	.84	282	11	.03	62	1390	99	24	1	10	1	.04	1	113.6	3	150	32
T10B025	.5	1.41	441	145	3.7	11	.47	.1	15	24	353	4.79	1	.12	25	.64	291	12	.02	78	1350	136	30	1	9	1	.03	1	91.5	2	101	284
T10B026	.5	1.42	522	119	4.0	12	.21	.1	10	33	181	5.23	1	.12	28	.69	168	8	.02	42	910	90	26	1	1	1	.04	1	109.4	2	89	45
T10B027	4.8	1.77	667	310	3.3	12	.37	.1	13	64	213	3.55	3	.48	39	1.22	286	6	.02	40	1020	306	41	1	1	1	.04	1	72.1	5	306	31
T10B029	.3	1.80	1350	223	3.3	11	.57	.1	20	43	146	3.51	1	.22	29	.72	685	6	.02	59	2210	86	33	1	15	1	.03	1	147.3	5	123	116
T10B030	.4	1.65	1393	313	3.4	11	.60	.1	23	42	220	3.22	1	.20	31	.96	606	4	.02	76	1250	109	79	2	27	1	.03	1	134.6	4	121	103
T10B033	1.2	2.93	40	312	5.5	22	.74	.1	21	30	289	6.88	1	.69	44	1.65	276	12	.09	46	3140	80	40	1	135	1	.08	1	120.2	3	71	19
T10B034	.5	3.25	266	888	5.5	36	1.01	.1	62	23	289	6.72	1	.37	34	1.78	717	4	.04	75	1760	89	55	1	81	1	.06	1	85.3	3	115	16
T10B035	.2	1.77	1	404	2.3	11	.49	.1	20	15	94	3.07	1	.12	21	.63	324	4	.02	31	970	37	17	1	22	1	.06	1	46.2	2	70	14
T10B036	.4	2.40	1	566	2.9	11	.51	.1	21	26	168	3.77	1	.12	26	1.08	300	5	.03	41	630	50	23	1	18	1	.08	1	68.0	3	83	8
T10B037	.7	2.25	139	456	3.4	16	.65	.1	23	24	182	4.54	1	.44	27	1.19	326	5	.07	35	1490	65	26	1	20	1	.08	1	75.0	3	100	11
T10B038	.8	2.09	102	289	4.2	12	.28	.1	17	35	259	4.79	1	.24	22	.72	439	5	.04	44	1520	66	48	1	39	1	.06	1	93.3	3	76	13
T10B039	2.3	1.49	1301	237	4.6	21	.24	.1	9	42	205	6.00	1	.47	19	.81	130	8	.04	34	2320	155	94	1	50	1	.04	1	102.0	3	60	110
T10B040	.3	2.15	1	248	4.2																											

COMP: ORINOCO GOLD

PROJ:

ATTN: H. Neugebauer

MIN-EN LABS — ICP REPORT

8282 SHERBROOKE ST., VANCOUVER, B.C. V5X 4E8

TEL:(604)327-3436 FAX:(604)327-3423

FILE NO: 5V-0391-RJ1+2

DATE: 95/09/27

* rock * (ACT:F31)

SAMPLE NUMBER	AG PPM	AL %	AS PPM	BA PPM	BE PPM	BI PPM	CA %	CD PPM	CO PPM	CR PPM	CU PPM	FE %	GA PPM	K %	LI PPM	MG %	MN PPM	MO PPM	NA %	NI PPM	P PPM	PB PPM	SB PPM	SN PPM	SR PPM	TH PPM	TI %	U PPM	V PPM	W PPM	ZN PPM	Au-fire PPB
JVR95001	2.1	.76	173	137	1.3	4	.55	.1	13	190	406	1.39	1	.27	10	.37	147	3	.06	9	470	23	17	1	35	10	.05	1	23.3	9	36	116
JVR95002	.7	.67	1	59	1.1	6	.84	.1	4	45	9	1.01	1	.05	23	.41	168	1	.07	7	970	28	5	1	41	16	.05	1	25.4	3	32	101
JVR95003	1.9	.47	54	38	1.0	7	1.64	.1	6	49	26	.94	1	.02	13	.27	130	2	.07	9	930	45	14	1	48	19	.03	1	21.2	2	34	254
JVR95004	2.3	1.26	558	344	2.0	18	1.06	.1	12	61	21	2.31	3	.60	54	.90	205	4	.08	13	1030	50	11	1	56	12	.18	1	57.2	4	56	76
JVR95005	2.3	1.15	137	258	1.8	16	.77	.1	11	58	40	2.13	5	.64	57	.77	122	3	.07	15	980	39	13	1	55	13	.18	1	50.1	4	41	9
JVR95006	20.2	1.28	418	315	1.8	18	1.50	.1	13	64	282	2.23	3	.59	57	1.01	223	2	.10	16	1400	48	56	1	74	10	.18	1	63.1	5	57	60
JVR95007	2.1	1.09	2863	182	1.5	11	1.56	3.9	40	52	18	1.39	2	.39	42	.70	146	3	.08	12	1660	38	16	1	75	12	.12	1	45.7	4	39	29
JVR95008	.6	.24	344	20	.7	2	.68	.1	2	103	5	.44	1	.04	10	.22	86	6	.02	7	70	17	3	1	14	2	.01	1	15.3	5	20	67
JVR95009	.8	.22	2121	20	.6	6	.59	4.1	32	109	11	.64	1	.01	9	.21	100	16	.03	17	150	17	11	1	8	4	.02	1	20.1	5	18	119
JVR95010	1.1	.61	322	25	.9	5	1.02	.1	4	58	8	.75	4	.02	24	.46	109	1	.10	8	850	30	8	2	47	19	.04	1	20.5	3	37	51
JVR95011	1.1	.60	>10000	335	3.3	39	.30	>100.0	21	136	22	4.96	1	.38	35	.65	96	8	.03	26	110	65	86	1	29	1	.08	1	59.7	7	25	4050
JVR95012	2.1	1.21	320	345	1.9	18	.99	.1	10	79	18	2.49	4	.86	62	.75	227	3	.13	13	900	43	11	1	69	12	.21	1	50.1	5	47	35
JVR95013	.6	1.40	516	90	2.8	13	1.14	.1	9	87	22	2.95	3	.21	49	1.14	421	3	.03	14	910	47	12	1	104	9	.06	1	51.0	5	48	650
JVR95014	1.3	1.24	643	139	2.3	11	1.51	.1	12	67	20	2.50	3	.30	54	.85	409	3	.05	15	910	60	21	1	235	13	.11	1	43.9	4	69	56
JVR95015	.6	1.26	337	85	2.6	8	2.16	.1	8	93	11	2.44	2	.15	43	.97	498	3	.03	15	880	57	19	1	195	10	.06	1	43.9	5	51	121
JVR95016	2.7	1.20	4649	293	2.2	29	1.12	.1	46	67	174	2.85	3	.69	57	.78	220	3	.09	15	880	46	27	1	71	11	.18	1	48.5	4	48	3740
JVR95017	2.4	1.37	444	293	2.2	17	1.29	.1	14	84	10	2.73	4	.61	70	.87	249	2	.09	14	990	47	13	1	78	12	.20	1	54.2	5	49	63
JVR95018	1.9	1.59	1	271	2.6	25	1.03	.1	14	69	27	3.24	4	.78	86	1.19	333	2	.06	17	1030	52	16	1	133	10	.20	1	64.1	5	56	347
JVR95019	1.6	1.08	20	164	1.8	14	.82	.1	9	73	16	1.67	5	.45	39	.63	183	2	.05	9	640	39	14	1	95	20	.12	1	34.3	4	41	371
JVR95020	.9	.42	1704	170	.8	6	.41	.1	7	132	26	.84	4	.25	15	.41	60	1	.04	16	190	14	7	1	17	2	.05	1	29.3	6	19	425
JVR95021	1.0	.38	238	107	1.1	3	.19	.1	3	54	20	1.37	1	.28	5	.07	31	2	.03	7	440	54	22	1	32	8	.01	1	8.4	2	23	46
JVR95022	2.3	1.35	1	260	2.3	17	.74	.1	11	72	63	2.58	4	.73	50	.82	177	2	.07	15	980	50	12	1	44	13	.19	1	58.8	5	56	68
JVR95023	2.1	.23	7215	121	2.6	7	.37	7.7	6	43	108	3.19	1	.17	1	.02	145	7	.01	9	420	63	106	1	95	5	.01	1	11.1	1	37	1635
JVR95024	2.3	1.36	156	159	2.2	10	1.01	.1	7	38	499	2.67	1	.23	51	.42	255	3	.09	8	590	47	17	1	239	14	.08	1	14.2	3	67	39
JVR95025	1.0	1.03	175	213	1.8	12	.77	.1	11	60	24	2.15	1	.63	56	.72	288	3	.06	12	840	39	9	1	21	8	.15	1	43.6	4	55	51
JVR95026	1.2	1.66	1	426	2.3	12	1.26	.1	7	57	15	2.46	3	.45	55	.69	319	2	.09	10	730	39	16	1	179	12	.12	1	22.1	4	51	2
JVR95027	1.0	1.44	539	161	2.2	10	1.50	.1	8	43	25	2.53	5	.23	60	.87	260	3	.06	11	810	34	15	1	58	12	.08	1	31.2	3	40	28
JVR95028	1.0	.81	>10000	523	1.4	23	.25	27.7	222	104	14	1.71	6	.50	38	.87	78	8	.03	332	250	28	22	2	2	1	.07	1	67.6	6	23	3190
JVR95029	.1	.13	161	59	.5	2	.03	.1	2	131	21	.53	1	.06	2	.03	24	9	.01	7	10	12	7	1	2	1	.01	1	3.8	6	10	304
JVR95030	.8	.07	719	171	.4	2	.03	.1	1	91	36	.52	2	.02	1	.02	15	7	.01	2	120	7	18	1	60	1	.01	1	5.3	4	5	180
JVR95031	3.2	1.75	1322	992	2.8	30	.40	.1	14	104	270	4.36	4	1.39	66	1.73	126	5	.08	18	640	47	18	1	1	1	.32	1	107.9	7	36	1360
JVR95032	.4	1.27	93	163	3.4	10	1.91	.1	9	39	61	2.93	3	.12	49	.73	351	3	.02	14	990	44	28	1	68	8	.01	1	37.1	2	47	71
JVR95033	.8	.19	142	25	1.4	4	.09	.1	3	75	117	1.86	1	.02	5	.10	31	3	.01	7	250	22	15	1	1	1	.01	1	5.9	3	11	40
JVR95034	.9	1.58	1	98	3.0	11	1.07	.1	14	51	67	3.52	5	.08	60	1.08	308	3	.03	14	1010	54	22	1	12	7	.06	1	59.2	4	56	46
JVR95035	1.0	1.33	1	92	3.2	10	1.89	.1	7	37	48	2.99	6	.12	59	.96	351	3	.02	14	900	42	19	2	46	7	.03	1	48.9	3	48	47
JVR95036	.5	.09	883	114	.3	2	.04	.3	1	121	13	.31	1	.04	1	.02	19	1	.01	2	40	7	6	1	18	1	.01	1	3.1	5	5	267
JVR95037	4.7	.08	1267	206	.4	5	.10	.6	1	96	20	.42	1	.04	1	.02	15	2	.01	4	150	10	28	1	34	1	.01	1	5.4	4	10	224
JVR95038	1.5	2.63	1	98	1.8	8	3.40	.1	7	74	33	.85	5	.08	24	.59	197	12	.18	39	2320	14	35	1	77	3	.03	1	59.5	6	311	826
JVR95039	2.1	1.39	127	348	1.9	18	.89	.1	17	117	18	2.54	4	.84	77	.83	227	3	.12	19	980	36	15	1	108	10	.20	1	52.8	7	49	45
JVR95040	1.7	1.33	1	637	1.8	18	.65	.1	11	56	62	2.35	4	.78	78	.77	325	3	.06	19	990	39	14	1	50	10	.20	1	48.9	4	56	9
JVR95041	1.7	1.27	1	310	1.8	15	.89	.1	9	65	89	2.01	5	.62	70	.78	264	2	.07	13	930	35	15	1	104	10	.17	1	42.9	5	46	6
JVR95042	1.7	1.24	2275	247	2.0	21	.73	.1	15	73	42	2.30	6	.62	77	.84	206	4	.08	14	910	42	23	1	122	11	.15	1	46.2	5	44	40
JVR95043	2.0	1.12	1	267	1.8	15	.65	.1	7	63	49	2.33	4	.77	68	.73	191	4	.11	7	950	32	8	1	83	11	.20	1	49.1	4	38	14
JVR95044	1.6	.39	2154	70	1.8	43	.03	.1	2	30	584	2.23	1	.16	2	.01	1	5	.01	7	280	121	103	1	1	12	.01	1	1.8	1	17	175
JVR95045	1.9	1.02	163	219	1.9	15	1.60	.1	9	61	43	2.30	5	.63	49	.76	252	3	.08	12	960	38	10	1	49	11	.14	1	49.4	4	37	10
JVR95046	1.6	1.18	106	194	2.0	14	1.25	.1	8	66	11	2.38	5	.41	41	.80	249	2	.07	12	1070	37	16	1	42	14	.12	1	47.8	4	42	7
JVR95047	.2	.45	1342	85	4.7	11	.05	.1	8	97	335	7.55	1	.13	2	.14	7	3	.01	30	680	77	9	1	1	1	.01	1	39.4	4	29	12
JVR95048	1.6	1.38	1	318	2.2	11	.75	.1	8	54	54	2.39	5	.36	51	.81	182	3	.06	20	820	48	18									

COMP: ORINOCO GOLD

PROJ:

ATTN: H. Neugebauer

MIN-EN LABS — ICP REPORT

8282 SHERBROOKE ST., VANCOUVER, B.C. V5X 4E8

TEL: (604)327-3436 FAX: (604)327-3423

FILE NO: 5V-0391-RJ3+4

DATE: 95/09/27

* rock * (ACT:F31)

SAMPLE NUMBER	AG PPM	AL %	AS PPM	BA PPM	BE PPM	BI PPM	CA %	CD PPM	CO PPM	CR PPM	CU PPM	FE %	GA PPM	K %	LI PPM	MG %	MN PPM	MO PPM	NA %	NI PPM	P PPM	PB PPM	SB PPM	SN PPM	SR PPM	TH PPM	TI %	U PPM	V PPM	W PPM	ZN PPM	Au-fire PPB
JVR95049	.9	1.06	2177	178	1.6	10	.53	13.3	18	41	47	1.83	2	.11	37	.71	146	3	.08	9	720	35	17	1	88	12	.04	1	31.6	3	43	1
JVR95050	.7	.72	1697	63	1.0	6	.62	11.4	8	48	3	.58	3	.05	24	.52	228	3	.05	9	860	24	11	2	30	20	.03	1	20.0	4	34	14
JVR95051	1.8	1.31	1	361	1.7	21	.63	.1	9	54	34	2.24	2	.61	54	.64	173	2	.11	10	770	36	16	1	129	16	.16	1	39.1	4	36	1
JVR95052	1.0	.68	1	61	1.9	5	.28	.1	2	44	70	.73	1	.16	3	.21	41	1	.02	7	100	29	13	1	18	14	.01	1	1.5	3	27	2
JVR95053	1.1	1.23	1	195	1.7	13	.70	.1	5	76	23	1.97	3	.19	41	.85	212	2	.06	9	810	41	18	1	108	17	.07	1	40.7	5	34	2
JVR95054	1.1	1.02	1	153	1.4	18	.38	.1	4	95	18	1.67	4	.10	38	.92	148	3	.04	7	830	38	20	2	92	17	.04	1	33.8	6	23	1
JVR95055	1.0	.86	1377	97	.9	13	.57	8.9	5	62	4	.91	4	.08	25	.46	144	2	.06	6	800	30	11	1	98	20	.03	1	21.5	4	32	12
JVR95056	1.2	1.18	9619	195	1.9	45	.86	57.9	24	84	17	2.02	4	.29	46	.73	189	3	.06	16	810	36	33	1	84	17	.07	1	31.2	5	30	281
JVR95057	.7	.16	>10000	42	1.1	23	1.73	69.3	13	91	4	.66	1	.04	2	.04	74	1	.02	12	710	37	32	1	57	19	.01	1	2.0	4	9	80
JVR95058	1.5	1.12	7979	251	1.1	53	.71	48.0	9	104	23	1.41	3	.29	40	.44	114	2	.12	12	880	20	12	1	179	16	.10	1	27.5	6	50	31
JVR95059	1.2	.92	1	56	1.0	6	.55	.1	12	41	9	.73	3	.02	19	.29	76	1	.07	8	890	17	9	1	91	17	.03	1	14.1	3	20	76
JVR95060	11.0	.40	1601	80	1.4	19	.18	8.6	2	46	676	.71	2	.16	2	.07	78	1	.02	3	250	22	21	1	40	18	.01	1	2.6	3	39	13
JVR95061	1.1	.84	>10000	19	1.3	9	.64	69.0	19	61	8	1.06	4	.02	35	.65	104	2	.05	22	850	32	22	4	33	20	.02	1	24.2	4	26	347
JVR95062	1.6	.67	3441	79	.7	8	.64	19.4	10	69	17	.66	5	.16	19	.23	58	2	.11	7	870	22	10	1	124	20	.05	1	14.2	4	19	19
JVR95063	2.2	.91	178	237	1.3	16	.72	.1	10	49	45	1.59	5	.45	50	.58	122	2	.08	7	1430	40	13	1	100	13	.13	1	44.5	4	38	4
JVR95064	2.9	1.05	1887	237	1.6	239	.64	7.6	50	80	47	1.89	7	.58	55	.68	153	6	.11	17	1050	37	14	1	106	14	.17	1	46.0	6	44	632
JVR95065	2.1	1.26	4167	212	2.1	21	.76	26.2	12	67	13	2.36	7	.45	58	.91	184	3	.05	13	920	36	20	1	32	14	.14	1	46.1	5	36	17
JVR95066	10.3	1.38	1	74	4.0	1	1.13	.1	7	61	9032	3.06	2	.23	68	.66	677	4	.02	17	1080	60	60	1	37	11	.02	1	27.8	5	137	36
MDR95001	1.6	.98	3524	168	1.6	48	.45	27.3	7	65	43	1.55	7	.27	37	.50	124	2	.04	7	670	26	14	1	67	29	.08	1	25.4	4	28	24
MDR95002	2.4	.96	>10000	124	1.5	67	.65	>100.0	25	72	118	1.46	6	.16	31	.42	108	3	.06	13	830	28	45	1	106	20	.05	1	16.9	5	39	270
MDR95003	1.3	.91	2701	61	1.2	16	.73	16.0	4	50	7	.72	7	.02	20	.62	104	2	.04	7	480	24	18	2	58	13	.01	1	18.5	4	23	7
MDR95004	1.6	.57	632	25	.9	14	1.21	1.3	6	78	40	.89	5	.02	19	.46	228	4	.06	10	750	34	14	1	37	25	.03	1	29.1	5	43	109
MDR95005	3.2	.99	191	182	1.2	17	.87	.1	9	122	129	1.37	5	.36	33	.54	123	5	.13	12	490	30	12	1	83	12	.09	1	31.9	7	29	4840
MDR95006	1.5	1.09	134	197	1.6	13	1.00	.1	8	165	62	1.71	6	.37	41	.75	202	3	.10	13	620	31	12	1	62	18	.09	1	40.4	9	33	108
MDR95007	1.5	1.06	1152	253	1.3	17	.62	1.2	12	51	45	1.83	1	.62	40	.78	147	3	.13	14	820	36	10	1	92	20	.12	1	43.2	4	34	1430
MDR95008	2.4	1.68	1	351	1.9	17	.74	.1	10	95	364	2.36	1	.96	53	1.08	144	2	.25	13	750	39	12	1	125	15	.17	1	63.6	6	48	822
MDR95009	.8	1.20	5311	38	1.4	11	1.17	28.8	10	70	98	1.22	1	.05	34	.76	148	8	.18	13	760	28	14	1	87	19	.02	1	34.7	4	32	221
MDR95010	.8	.36	1692	56	.6	2	.02	8.2	1	52	15	.56	1	.17	2	.01	6	1	.01	5	500	41	13	1	38	7	.01	1	1.4	2	4	9
MDR95011	1.6	1.07	1	222	1.5	14	.58	.1	6	83	44	1.95	2	.47	41	.81	172	3	.09	11	740	53	22	1	72	9	.12	1	35.1	5	42	25
MDR95012	1.5	1.14	1	347	1.5	6	.84	.1	5	51	74	1.50	4	.10	33	.89	161	3	.03	12	700	75	36	1	52	11	.05	1	31.1	3	42	5
MDR95013	1.0	.93	1	109	1.6	6	.84	.1	6	87	95	1.33	4	.12	21	.67	170	1	.05	27	680	27	15	1	93	13	.02	1	24.8	5	100	6
MDR95014	1.7	1.10	1	54	1.9	5	1.09	.1	5	55	60	1.67	3	.07	43	.92	166	2	.03	10	660	32	18	1	31	10	.04	1	29.9	3	35	3
MDR95015	1.4	1.09	1	216	1.6	11	.84	.1	4	54	79	1.71	3	.17	39	.80	158	3	.04	10	640	33	18	1	67	9	.08	1	28.3	3	45	7
MDR95016	.2	.20	1	98	.4	1	.01	.1	1	19	25	.20	1	.08	1	.01	4	1	.01	3	90	22	5	1	21	2	.01	1	1.2	1	4	4
MDR95017	.5	.27	1	69	.4	1	.03	1.1	1	28	29	.19	1	.09	1	.01	6	1	.01	2	80	21	6	1	12	3	.01	1	.6	1	8	2
MDR95018	.7	.38	722	29	1.0	3	.01	1.6	2	54	57	.91	1	.10	1	.01	9	3	.01	6	150	21	24	1	1	3	.01	1	.4	2	12	1
MDR95019	1.6	1.35	1	625	2.0	14	.51	.1	8	66	36	2.22	3	.33	50	.86	187	3	.04	18	880	36	15	1	34	11	.12	1	40.1	5	87	2
MDR95021	.7	.94	1	399	.3	1	.03	.1	1	36	24	.27	1	.01	2	.01	8	2	.01	8	360	18	17	1	105	10	.01	1	27.9	1	9	3
WMR95001	2.0	1.67	1	385	2.0	51	.85	.1	15	80	10	2.79	3	.67	53	1.38	221	4	.07	19	880	41	14	1	61	15	.17	1	68.0	5	48	9270
WMR95002	.5	.83	506	82	1.2	23	.72	.1	17	353	43	1.40	1	.13	19	.57	289	7	.06	15	420	25	12	1	35	5	.02	1	25.6	17	39	5490
WMR95003	1.9	.17	625	17	.5	11	.25	.9	9	190	472	.57	1	.05	5	.08	68	3	.02	9	110	12	9	1	2	1	.01	1	3.2	9	11	2065
WMR95004	1.2	1.45	1	285	1.9	13	.68	.1	13	84	83	2.36	3	.55	65	.95	216	3	.06	15	760	35	16	1	363	16	.10	1	44.7	5	69	84
WMR95005	.9	.68	1	55	.6	8	.53	.1	5	84	9	.70	1	.02	13	.25	87	1	.09	10	820	15	8	1	62	16	.05	1	18.3	4	23	122
WMR95006	.9	.66	3290	93	1.1	6	.77	16.4	6	71	7	1.13	1	.18	36	.36	127	3	.07	10	860	18	12	1	56	19	.05	1	22.5	4	26	51
WMR95007	3.4	1.04	8063	302	1.6	32	.63	43.0	10	74	846	2.14	2	.66	75	.66	160	2	.09	11	830	38	194	1	39	14	.12	1	35.9	4	55	92
WMR95008	3.2	.95	>10000	86	2.1	171	.59	>100.0	14	61	1073	2.82	3	.20	43	.62	94	3	.06	15	780	62	281	1	89	14	.04	1	21.8	3	83	166
WMR95009	.6	.82	6248	77	1.1	19	.61	31.3	10	43	21	.94	2	.04	37	.42	147	1	.06	10	880	20	17	1	77	17	.02	1	13.4	2	24	49

COMP: ORINOCO GOLD

PROJ:

ATTN: H. Neugebauer

MIN-EN LABS — ICP REPORT

8282 SHERBROOKE ST., VANCOUVER, B.C. V5X 4E8

TEL:(604)327-3436 FAX:(604)327-3423

FILE NO: 5V-0391-RJ5+6

DATE: 95/09/27

* rock * (ACT:F31)

SAMPLE NUMBER	AG PPM	AL %	AS PPM	BA PPM	BE PPM	BI PPM	CA %	CD PPM	CO PPM	CR PPM	CU PPM	FE %	GA PPM	K %	LI PPM	MG %	MN PPM	MO PPM	NA %	NI PPM	P PPM	PB PPM	SB PPM	SN PPM	SR PPM	TH PPM	TI %	U PPM	V PPM	W PPM	ZN PPM	Au-fire PPB
WMR95010	.8	.80	3	135	1.4	11	.55	.1	7	67	20	1.58	2	.34	31	.50	164	3	.05	10	640	27	7	1	21	17	.10	1	32.6	4	38	24
WMR95011	.8	.34	1041	190	.8	8	.03	.1	1	23	49	.69	1	.18	1	.02	17	1	.01	1	80	35	36	1	2	11	.01	1	1.2	1	8	4
WMR95012	.4	.28	162	198	1.1	5	.02	.1	2	32	121	.87	1	.19	1	.01	56	3	.01	5	100	22	14	1	11	14	.01	1	.8	2	15	2
WMR95013	.6	.30	886	204	.6	26	.06	.1	1	38	18	.46	1	.23	1	.02	7	2	.01	2	60	66	45	1	8	10	.01	1	.7	2	7	2
WMR95014	.7	.04	287	246	.2	6	.03	.1	1	125	28	.33	1	.02	1	.01	24	2	.01	5	80	17	14	1	8	1	.01	1	5.6	6	9	325
WMR95015	1.9	1.52	1	388	2.3	18	.78	.1	13	70	165	2.94	3	.70	42	1.21	178	4	.08	33	790	55	23	1	33	15	.16	1	69.5	5	61	388
WMR95016	2.0	1.64	1	647	2.1	17	.87	.1	13	101	129	2.57	5	.71	48	1.22	187	11	.11	24	750	39	13	1	49	14	.18	1	67.1	7	60	100
WMR95017	1.3	1.23	9	35	1.6	7	2.62	.1	4	86	38	1.51	6	.04	35	1.10	217	3	.11	12	900	29	16	3	109	23	.04	1	58.8	6	41	12
WMR95018	.8	.34	273	99	.8	15	.09	.1	1	33	24	.68	1	.23	2	.02	34	6	.01	2	200	144	51	1	39	13	.01	1	5.7	2	11	1
WMR95019	1.2	1.49	960	62	1.6	13	1.81	.1	16	67	15	1.54	5	.10	26	.99	203	3	.15	23	840	34	66	2	160	14	.05	1	47.3	5	41	75
WMR95020	1.4	1.45	1	265	1.6	14	1.62	.1	5	73	20	1.55	6	.12	38	1.16	230	4	.11	22	820	38	34	2	134	16	.05	1	49.4	5	52	33
WMR95021	2.6	3.66	1	1231	2.8	19	1.81	.1	25	100	34	3.77	1	1.42	66	2.70	195	2	.33	57	1090	33	32	2	239	1	.20	1	96.1	7	53	7
WMR95022	1.5	1.39	1	355	2.0	12	1.18	.1	7	63	89	2.23	6	.32	35	1.16	225	3	.07	20	800	40	18	2	69	13	.09	1	56.4	5	60	1
WMR95023	1.5	1.06	160	307	1.7	7	1.27	.1	6	46	78	1.23	8	.09	32	.78	120	3	.03	10	680	26	18	1	58	14	.04	1	24.1	4	30	4
WMR95024	.7	.83	103	85	2.0	5	1.45	.1	5	51	31	1.51	7	.08	24	.75	218	3	.02	10	680	35	18	2	46	12	.01	1	28.2	3	39	2
WMR95025	.4	.35	2	886	.6	2	.04	.1	1	40	12	.16	2	.18	2	.01	8	1	.01	2	30	7	7	1	9	6	.01	1	.9	2	4	1
WMR95026	.3	.30	864	61	2.6	8	.03	.1	3	25	77	2.08	2	.09	2	.01	32	1	.01	18	90	43	24	1	1	5	.01	1	1.1	1	121	1
WMR95027	1.2	1.12	1	84	2.2	9	1.30	.1	6	53	57	1.84	7	.09	25	.91	218	3	.03	23	690	33	15	1	32	12	.04	1	30.2	4	62	2
WMR95028	.5	.34	34	61	.6	2	.04	.1	1	32	11	.27	3	.15	2	.02	10	1	.01	2	90	21	6	1	5	6	.01	1	1.6	2	8	1
WMR95029	.4	.44	1	43	.9	2	.04	.1	1	25	17	.27	2	.20	2	.04	11	1	.01	2	50	20	7	1	6	5	.01	1	.8	1	11	1
WMR95030	.8	.24	29	75	.6	2	.06	.1	1	42	13	.26	2	.14	2	.02	8	1	.01	3	50	30	8	1	6	6	.01	1	.5	2	3	1
WMR95031	.5	.69	1	90	2.7	5	.97	.1	5	30	38	2.02	5	.12	19	.32	255	2	.02	13	440	34	8	1	32	13	.01	1	13.2	2	47	1
LLR95001	.8	.76	1066	141	.8	6	.65	.1	6	50	6	.76	5	.13	23	.22	110	2	.05	8	880	17	11	1	145	18	.04	1	13.7	3	22	69
LLR95002	1.3	.54	122	101	.7	6	.70	.1	4	29	72	.68	4	.07	10	.13	51	3	.06	5	1240	18	15	1	51	16	.03	1	8.7	2	22	6
LLR95003	.4	.58	1	82	.5	3	.74	.1	3	31	46	.54	1	.07	9	.14	60	1	.06	6	1180	20	11	1	72	13	.04	1	9.5	2	26	4
LLR95004	1.4	1.01	75	237	1.7	12	1.17	.1	10	64	80	2.01	2	.51	34	.69	175	3	.10	13	1030	35	9	1	65	11	.14	1	47.8	4	48	23
LLR95005	1.1	.76	855	155	1.3	9	.77	.1	9	58	34	1.28	2	.38	38	.50	127	3	.08	13	970	32	11	1	51	13	.10	1	31.2	4	42	30
LLR95006	1.0	.79	391	173	1.2	9	.71	.1	10	43	92	1.54	1	.45	44	.53	113	2	.08	14	990	33	9	1	48	12	.12	1	34.4	3	40	25
LLR95007	.5	1.05	58	34	.8	5	1.16	.1	3	79	6	.44	3	.01	12	.49	92	18	.23	9	420	10	11	1	76	4	.03	1	13.0	4	19	301
LLR95008	.4	.73	606	31	.7	4	1.08	.1	4	71	11	.51	1	.02	7	.37	103	10	.17	11	470	11	9	1	58	3	.02	1	14.2	4	24	143
LLR95009	.2	.45	507	47	.7	7	.51	.1	3	69	11	.53	2	.02	18	.41	124	6	.06	10	390	17	4	1	17	16	.03	1	19.2	4	42	1250
LLR95010	.3	.49	315	35	.7	3	.53	.1	2	100	6	.53	2	.02	16	.39	95	8	.07	8	390	14	4	1	25	21	.03	1	16.7	5	23	78
LLR95011	.4	.33	1050	119	.5	25	.25	.1	19	138	22	.65	3	.14	20	.35	70	32	.03	90	140	13	7	1	4	1	.04	1	29.7	7	18	3210
LLR95012	1.2	1.27	57	237	2.1	14	1.14	.1	9	53	19	2.58	2	.51	68	.94	262	1	.06	12	930	40	9	1	63	12	.15	1	51.1	4	50	27
LLR95013	.4	1.23	1	151	1.9	9	1.21	.1	6	69	5	2.16	2	.26	52	.86	331	2	.03	11	790	31	10	1	258	15	.07	1	40.2	5	37	6
LLR95014	.8	1.18	1	182	1.9	12	1.06	.1	8	38	10	2.44	1	.38	54	.88	300	2	.03	11	950	40	10	1	188	12	.11	1	47.1	3	54	240
LLR95015	.3	1.24	749	120	2.2	9	1.16	.1	10	55	7	2.50	1	.22	52	.95	402	1	.03	11	910	37	12	2	143	10	.07	1	44.3	4	44	334
LLR95016	1.2	1.24	1	291	2.2	15	.84	.1	11	76	21	2.60	1	.76	45	.83	319	3	.08	14	880	36	10	1	38	10	.18	1	49.7	5	60	23
LLR95017	.2	.46	104	264	.7	3	.10	.1	3	75	34	.84	2	.23	27	.40	63	3	.02	14	120	11	4	1	1	1	.04	1	31.0	4	17	31
LLR95018	1.0	1.23	641	223	1.9	12	.58	.1	12	60	32	2.50	2	.56	65	.82	192	5	.06	13	810	31	12	1	40	9	.14	1	42.2	4	39	53
LLR95019	2.0	1.70	1772	1404	2.5	13	.29	.1	18	118	277	3.22	1	1.55	84	2.35	167	5	.06	39	190	29	18	2	1	1	.14	1	126.7	7	47	411
LLR95020	.9	1.08	51	238	1.9	10	.50	.1	8	71	24	2.00	4	.45	50	.83	180	2	.04	13	620	33	11	1	7	17	.12	1	40.3	4	41	17
LLR95021	1.1	.63	753	473	1.2	8	.15	.1	13	105	348	1.56	3	.45	34	.62	83	6	.03	20	90	23	10	1	1	1	.08	1	39.9	6	45	246
LLR95022	.6	.46	1017	284	.9	11	.22	.1	8	77	48	1.10	3	.29	14	.35	46	6	.01	33	350	15	16	1	1	1	.05	1	28.2	4	21	544
LLR95023	.9	.61	310	240	.9	5	.82	.1	7	67	49	1.03	4	.27	31	.71	115	3	.02	21	560	18	8	1	5	2	.07	1	27.5	4	21	115
LLR95024	1.8	1.15	1173	837	1.6	18	.33	.1	11	85	80	2.27	4	.86	46	1.10	77	46	.04	16	600	27	13	1	1	1	.20	1	83.2	6	25	1140
LLR95025	2.2	.10	2151	235	.4	3	.03	.1	2	75	166	.48	1	.05	2	.03	12	6	.01	4	480	8	16	1	51	1	.01	1	4.7	3	5	421
LLR95026	.1	.18	834	75	.7	1	.27	.1	9	52	32	.66	1	.06	5	.08	58	2	.01	18	320	11	9	1	12	1	.01	1	5.6	2	13	81

COMP: ORINOCO GOLD

PROJ:

ATTN: H. Neugebauer

MIN-EN LABS — ICP REPORT

8282 SHERBROOKE ST., VANCOUVER, B.C. V5X 4E8

TEL:(604)327-3436 FAX:(604)327-3423

FILE NO: 5V-0391-RJ7+8

DATE: 95/09/27

* * (ACT:F31)

SAMPLE NUMBER	AG PPM	AL %	AS PPM	BA PPM	BE PPM	BI PPM	CA %	CD PPM	CO PPM	CR PPM	CU PPM	FE %	GA PPM	K %	LI PPM	MG %	MN PPM	MO PPM	NA %	NI PPM	P PPM	PB PPM	SB PPM	SN PPM	SR PPM	TH PPM	TI %	U PPM	V PPM	W PPM	ZN PPM	Au-fire PPB
LLR95027	.6	.31	1550	67	.5	5	1.15	1.7	1	106	41	.54	1	.03	6	.01	.28	6	.01	5	5330	12	17	1	44	2	.01	1	39.4	5	4	154
LLR95028	.8	.17	527	55	.7	1	.43	.1	4	59	59	.56	2	.07	14	.17	100	5	.01	9	260	14	22	2	10	3	.01	1	10.2	3	22	55
LLR95029	1.9	2.81	609	191	2.1	8	2.38	.2	9	115	423	1.28	6	.46	33	.99	129	15	.30	39	1180	23	50	2	104	3	.06	1	82.7	8	236	376
LLR95030	.8	1.43	113	161	2.5	12	.64	.1	17	87	72	2.96	5	.26	82	1.14	240	7	.04	22	980	53	25	1	88	10	.09	1	58.4	6	59	17
LLR95031	1.2	.93	1835	353	1.6	15	.47	.1	26	95	78	2.33	6	.57	63	.91	209	3	.05	90	470	36	22	1	26	1	.14	1	69.1	6	34	94
LLR95032	1.4	1.10	1	267	1.9	15	.63	.1	8	52	91	2.37	2	.75	72	.70	210	4	.09	11	930	31	10	1	86	9	.19	1	46.9	4	41	21
LLR95033	1.3	1.43	1	394	2.2	19	.63	.1	10	51	16	2.77	4	.86	89	1.02	229	2	.04	14	1030	37	12	1	61	9	.19	1	59.4	4	45	13
LLR95034	.1	.50	213	88	2.1	6	.30	.1	2	27	43	.93	1	.15	2	.11	151	3	.01	12	200	37	21	1	11	16	.01	1	2.1	2	45	33
LLR95035	1.2	.70	237	448	1.0	9	.19	.1	6	102	90	1.23	5	.51	38	.68	63	4	.04	12	220	26	7	1	2	1	.11	1	94.6	7	24	24
LLR95036	1.0	1.67	1	103	2.1	4	1.48	.1	5	70	126	1.15	4	.06	9	.26	58	9	.25	34	790	22	20	1	116	4	.03	1	14.8	4	34	10
LLR95037	.1	.20	439	34	.8	3	.02	.1	4	90	34	.97	1	.04	2	.06	83	1	.01	12	70	16	8	1	1	1	.01	1	11.5	4	28	8
LLR95038	1.4	1.35	66	435	2.2	17	.64	.1	11	66	46	2.49	5	.55	54	.92	285	3	.08	12	790	43	18	1	50	11	.17	1	48.4	4	60	9
LLR95039	.3	.38	1	426	1.6	3	.67	.1	2	32	77	.51	1	.12	1	.09	106	1	.02	3	100	18	12	1	38	12	.01	1	1.2	1	21	7
LLR95040	1.0	1.30	>10000	243	2.4	166	.75	28.8	21	68	15	2.80	4	.36	53	.89	205	3	.06	16	800	74	137	1	32	13	.09	1	40.8	4	45	41
LLR95041	.5	.31	1	59	1.4	2	1.06	.1	2	29	54	.34	1	.12	2	.07	139	2	.02	3	110	23	15	1	39	14	.01	1	1.3	1	23	4
LLR95042	.5	.94	2083	241	1.8	15	1.28	.1	10	68	8	1.81	3	.38	24	.63	331	3	.07	11	820	37	21	1	78	17	.09	1	34.1	4	47	10
LLR95043	.9	1.18	532	297	1.9	13	.97	.1	10	60	18	2.20	4	.45	44	.79	283	3	.07	11	820	34	16	1	47	14	.11	1	38.7	4	45	8
LLR95044	1.1	1.49	>10000	419	2.4	199	.69	27.3	17	63	8	3.06	5	.41	44	.77	168	5	.04	14	770	41	43	1	141	13	.09	1	40.3	4	35	837
LLR95045	1.3	1.20	1619	285	2.0	11	.20	.1	18	119	275	2.33	6	.92	79	1.20	91	4	.04	27	230	33	17	2	1	1	.12	1	71.6	7	39	229
LLR95046	1.2	1.30	1	130	1.2	9	.74	.1	9	69	7	1.45	8	.61	84	.97	97	2	.12	9	640	21	12	2	103	13	.09	1	39.8	5	32	18
LLR95047	1.5	1.44	2570	206	2.0	34	.61	.1	16	93	10	2.27	4	.65	72	.87	146	3	.06	14	950	40	16	1	30	12	.15	1	47.4	6	37	38
LLR95048	1.4	1.52	6795	276	2.4	30	1.03	7.5	13	75	8	2.89	5	.44	73	1.07	220	3	.05	16	930	38	24	1	22	9	.13	1	52.0	5	41	42
LLR95049	1.6	1.23	4791	246	2.5	36	1.06	3.5	11	62	14	2.83	5	.57	59	.85	175	2	.08	12	950	36	18	1	44	11	.15	1	50.1	4	41	40
LLR95050	1.8	1.24	987	258	2.5	18	1.40	.1	11	64	236	2.65	4	.62	43	.88	296	2	.07	13	890	41	14	1	50	13	.14	1	50.8	4	47	15
LLR95051	.5	1.11	4915	186	1.6	16	.75	7.7	13	57	27	2.15	2	.46	52	.68	166	2	.08	11	960	30	26	1	40	13	.11	1	36.3	3	33	514
LLR95055	.5	1.36	3802	256	2.2	17	1.17	.1	13	70	23	2.59	2	.53	80	.85	292	3	.06	13	880	51	31	1	76	14	.11	1	43.4	5	65	264
SBR95001	.1	.49	8	23	.5	4	.49	.1	4	68	4	.55	2	.02	20	.31	76	1	.04	6	780	13	5	1	65	17	.03	1	18.2	3	25	22
SBR95002	1.4	1.61	392	616	1.5	15	.96	.1	11	62	35	2.32	3	.83	67	.81	186	3	.13	12	820	40	17	1	119	12	.19	1	46.2	5	45	10
SBR95003	.7	.77	335	141	3.3	5	4.14	.1	14	86	105	3.27	1	.14	15	2.18	660	3	.01	51	1070	130	14	6	269	4	.01	1	38.3	4	435	8
SBR95005	.3	.53	1	85	.4	4	.77	.1	4	69	8	.42	1	.09	9	.14	54	1	.13	5	900	17	5	1	88	17	.04	1	10.1	3	20	38
SBR95006	.1	.35	15	117	.8	2	.14	.1	3	27	5	.52	1	.14	1	.06	121	1	.02	4	190	16	7	1	12	19	.01	1	2.1	1	26	6
SBR95007	.3	.22	1948	292	.5	29	.08	3.4	1	118	56	.70	1	.05	1	.02	26	3	.01	6	190	15	29	1	185	1	.01	1	13.4	5	23	37
SBR95008	.1	.09	1971	131	.5	18	.17	4.7	2	123	32	.75	1	.03	1	.02	27	6	.01	7	70	12	24	1	26	1	.01	1	5.8	5	12	76
SBR95009	.1	.64	3053	53	.9	5	.99	5.2	6	78	11	.76	3	.02	20	.45	164	3	.06	12	1110	24	14	2	33	21	.02	1	14.2	4	37	66
SBR95010	1.9	.32	337	126	.7	8	.99	.1	3	88	61	.69	5	.25	29	.56	94	10	.05	15	1410	60	6	2	11	4	.06	1	60.9	5	32	349
SBR95011	.9	.64	41	69	.7	5	.78	.1	6	41	83	.57	3	.07	17	.27	100	4	.05	8	1190	28	19	1	46	15	.03	1	8.3	2	43	17
SBR95012	.5	.49	233	44	.4	4	.68	.1	3	65	11	.53	3	.09	18	.23	81	2	.08	7	820	23	6	1	50	15	.04	1	14.0	3	25	156
SBR95013	.2	.53	270	23	.5	4	.59	.1	3	44	7	.34	1	.01	13	.17	49	1	.07	3	820	16	7	1	33	19	.02	1	7.1	2	21	23
SBR95014	.2	.73	1306	54	.9	7	1.04	.1	4	77	20	.75	2	.14	26	.42	92	22	.14	8	880	22	10	1	82	25	.04	1	17.5	4	27	247
SBR95015	.1	.21	387	14	.4	5	1.45	.1	4	46	5	.44	1	.01	4	.38	130	3	.06	13	2130	13	3	1	21	6	.03	1	21.1	2	19	497
SBR95016	.2	.58	204	23	.5	4	.79	.1	2	37	7	.34	3	.01	10	.33	97	4	.12	6	300	11	8	1	34	4	.02	1	7.7	2	20	194
SBR95017	.2	.44	106	29	.9	5	1.19	.1	3	54	18	.77	3	.02	22	.40	207	2	.05	12	1370	22	12	1	20	24	.04	1	21.6	3	34	123
SBR95018	.4	.24	195	23	.4	4	1.02	.1	5	38	4	.34	3	.01	5	.33	111	5	.05	11	1580	13	5	2	18	5	.03	1	21.8	2	16	168
SBR95019	1.8	1.20	79	306	1.6	15	.95	.1	13	65	22	2.14	5	.75	78	1.00	198	4	.07	16	1070	31	13	1	27	10	.19	1	60.0	5	47	17
SBR95020	1.0	.74	312	104	.9	8	1.44	.1	6	57	68	1.15	6	.28	23	.46	132	5	.09	7	780	25	10	1	66	16	.07	1	26.9	3	26	34
SBR95021	.7	.70	788	91	1.2	7	1.75	.1	7	48	71	1.33	3	.27	19	.35	178	2	.09	9	810	30	16	1	79	17	.06	1	26.9	3	29	56
SBR95022	.5	.54	64	17	.4	4	1.41	.1	5	92	9	.52	3	.03	15	.22	97	4	.10	6	830	17	7	1	60	18	.04	1	13.2	5	26	22
SBR95023	.9	.74	160	568	1.0	10	.29	.1	5	86	75	1.34	5	.55	47	.90	89	2	.04	15	100	20	8	1	1	1	.10	1	51.0	5	33	95

COMP: ORINOCO GOLD

PROJ:

ATTN: H. Neugebauer

MIN-EN LABS — ICP REPORT

8282 SHERBROOKE ST., VANCOUVER, B.C. V5X 4E8

TEL:(604)327-3436 FAX:(604)327-3423

FILE NO: 5V-0391-RJ9+10

DATE: 95/09/27

* rock * (ACT:F31)

SAMPLE NUMBER	AG PPM	AL %	AS PPM	BA PPM	BE PPM	BI PPM	CA %	CD PPM	CO PPM	CR PPM	CU PPM	FE %	GA PPM	K %	LI PPM	MG %	MN PPM	MO PPM	NA %	NI PPM	P PPM	PB PPM	SB PPM	SN PPM	SR PPM	TH PPM	TI %	U PPM	V PPM	W PPM	ZN PPM	Au-fire PPB
SBR95024	.1	.13	214	66	.4	1	.08	.1	2	137	46	.39	1	.03	7	.09	39	4	.01	9	40	9	4	1	1	1	.01	1	7.4	6	15	61
SBR95025	1.5	1.09	1	380	1.7	13	.64	.1	10	65	77	2.01	3	.66	52	.74	156	3	.07	12	850	38	9	1	55	11	.17	1	45.4	4	43	15
SBR95026	1.1	1.23	20	343	2.0	17	.95	.1	10	55	15	2.66	1	.79	59	.79	274	2	.08	14	1020	35	10	1	132	9	.18	1	50.5	4	42	14
SBR95027	1.4	1.20	1257	270	2.0	18	.86	.1	12	86	15	2.52	2	.67	62	.82	230	5	.07	14	900	47	18	1	57	10	.18	1	51.2	5	52	167
SBR95028	1.2	1.20	1252	261	2.5	17	.94	.1	13	74	24	2.89	2	.73	38	.80	224	4	.10	16	1020	38	16	1	53	9	.16	1	52.4	4	42	101
SBR95029	1.1	1.05	350	710	2.0	14	.71	.1	14	90	86	2.52	1	.88	49	1.00	190	6	.06	33	450	32	12	1	7	1	.16	1	73.9	6	39	149
SBR95030	.1	.06	477	38	.3	1	.04	.1	2	103	10	.31	1	.05	1	.02	20	5	.01	3	20	16	8	1	4	1	.01	1	2.5	4	8	53
SBR95031	1.5	1.17	347	796	1.7	15	.20	.1	7	89	341	2.34	5	.74	48	.96	91	4	.04	18	190	25	23	1	1	1	.15	1	77.0	6	37	353
SBR95032	.3	.53	526	388	1.1	7	.06	.1	12	86	57	1.18	3	.46	22	.56	86	5	.02	22	80	13	8	2	1	1	.05	1	27.1	5	22	278
SBR95033	3.2	1.75	1838	1063	2.9	23	.36	.1	12	82	304	3.99	1	1.41	81	1.87	129	6	.08	13	410	43	18	1	1	1	.26	1	78.7	6	36	394
SBR95034	2.8	1.40	547	783	2.5	26	.42	.1	22	98	256	3.86	3	1.29	59	1.29	120	4	.04	43	900	41	11	1	1	1	.34	1	110.5	7	33	76
SBR95035	2.4	1.20	686	527	2.6	17	.34	.1	15	103	362	3.49	3	.96	60	1.13	88	3	.04	35	710	42	17	1	1	1	.21	1	101.1	7	31	127
SBR95036	.1	.33	1	81	1.0	2	.21	.1	1	39	16	.29	1	.12	2	.05	25	1	.01	5	30	26	11	1	9	6	.01	1	.8	1	15	16
SBR95037	.1	.13	504	676	.6	5	.03	.1	1	83	8	.21	1	.04	1	.02	13	2	.01	2	560	13	9	1	249	1	.01	1	6.9	3	2	310
SBR95038	2.2	1.20	953	469	2.5	14	.36	.1	20	104	697	3.16	2	.86	56	1.17	86	6	.06	60	360	36	19	1	1	1	.16	1	77.3	7	56	132
SBR95039	2.0	3.00	1	435	3.3	17	1.88	.1	14	134	223	3.10	1	.66	48	1.06	135	8	.29	63	910	32	27	1	192	1	.16	1	207.3	11	46	90
SBR95040	2.0	1.31	1624	561	2.0	17	.57	.1	10	146	122	2.26	4	.73	48	1.13	100	4	.13	23	510	31	13	1	34	1	.20	1	137.9	10	29	85
9511R001	1.0	.69	94	125	1.4	10	.69	.1	6	60	53	1.38	4	.28	32	.55	159	14	.06	8	670	27	7	1	26	18	.09	1	27.6	4	36	16
9511R002	1.2	1.03	42	192	1.9	13	.91	.1	7	65	55	1.84	3	.44	38	.85	160	3	.06	13	780	33	14	1	29	18	.11	1	37.6	4	35	110
9511R003	.7	.74	925	34	1.5	6	2.01	.1	5	68	6	1.17	4	.06	28	.67	186	3	.04	7	760	30	15	1	36	22	.02	1	29.7	4	23	40
9511R004	.4	.68	725	112	1.3	9	.79	.1	8	77	68	1.09	4	.15	32	.52	182	22	.04	11	630	31	12	2	20	15	.04	1	20.6	4	38	242
9511R005	.6	.74	260	52	1.4	7	1.85	.1	4	105	10	1.23	3	.06	22	.73	193	17	.05	9	680	29	11	2	43	17	.04	1	33.0	5	31	215
9511R006	1.1	1.10	1	317	2.0	13	.85	.1	7	74	42	1.85	3	.51	41	.72	180	4	.09	13	800	34	14	1	48	27	.13	1	40.2	5	46	186
9511R007	.3	.59	1142	172	2.2	7	.46	.1	4	45	85	1.25	1	.16	3	.11	151	3	.02	13	230	39	35	1	14	10	.01	1	2.2	2	39	12
9511R008	.8	1.34	1	72	2.9	10	1.63	.1	8	34	49	2.76	4	.10	56	1.02	240	2	.03	10	910	43	23	1	28	7	.04	1	52.9	3	47	66

COMP: ORINOCO GOLD

PROJ:

ATTN: H. Neugebauer

MIN-EN LABS — ICP REPORT

8282 SHERBROOKE ST., VANCOUVER, B.C. V5X 4E8

TEL: (604) 327-3436 FAX: (604) 327-3423

FILE NO: 5V-0391-SJ1+2+3

DATE: 95/09/27

* soil * (ACT:F31)

SAMPLE NUMBER	AG PPM	AL %	AS PPM	BA PPM	BE PPM	BI PPM	CA %	CD PPM	CO PPM	CR PPM	CU PPM	FE %	GA PPM	K %	LI PPM	MG %	MN PPM	MO PPM	NA %	NI PPM	P PPM	PB PPM	SB PPM	SN PPM	SR PPM	TH PPM	TI %	U PPM	V PPM	W PPM	ZN PPM	Au-fire PPB
LLS95001	.7	.87	298	103	5.0	12	4.52	.1	30	27	135	4.84	1	.11	9	1.03	1260	2	.01	101	1780	115	56	1	176	7	.01	1	35.9	2	153	38
LLS95002	.6	1.03	1468	98	4.4	8	.95	.1	15	12	65	3.24	1	.14	9	.28	412	3	.01	20	1330	62	30	1	41	4	.01	1	35.4	1	87	144
LLS95003	.3	.70	589	72	2.2	6	.64	1.6	6	6	22	1.61	1	.10	6	.17	403	10	.01	16	900	35	45	1	126	14	.01	1	18.7	1	325	369
LLS95004	.6	1.26	34	181	2.0	11	.33	.1	11	37	60	2.65	1	.14	24	.64	318	3	.02	32	700	38	12	1	1	1	.08	1	65.5	3	70	107
LLS95005	.1	2.22	1	147	4.6	9	1.12	.1	13	12	25	3.01	1	.12	23	.67	875	3	.01	17	1140	75	34	1	154	4	.01	1	31.9	2	104	376
LLS95006	.1	1.49	1	119	3.4	8	.67	.1	22	11	87	2.63	1	.09	13	.46	1335	3	.01	27	740	75	26	1	93	2	.02	1	33.8	2	98	77
LLS95007	.1	.81	167	65	3.3	6	.64	.1	13	9	36	3.52	1	.13	3	.08	555	4	.02	17	1260	57	50	1	54	6	.01	1	29.3	1	80	79
LLS95008	.7	1.07	1	129	4.3	9	.60	.1	11	11	123	4.58	1	.24	3	.15	263	3	.10	18	1250	66	24	1	220	8	.01	1	32.9	1	95	45
LLS95009	1.2	1.07	1280	357	2.1	16	.25	.1	33	29	114	2.48	1	.34	28	.59	260	4	.01	44	360	34	22	1	1	1	.08	1	50.1	3	46	696
LLS95010	.7	1.51	1	220	2.2	12	.23	.1	10	28	48	2.77	2	.14	24	.52	297	3	.01	21	450	35	17	1	1	1	.08	1	64.2	3	59	94
LLS95011	1.3	.84	629	339	1.8	8	.26	.1	12	28	297	1.74	3	.27	23	.42	164	7	.01	21	620	26	27	1	6	1	.06	1	46.0	3	26	299
LLS95012	.7	.63	2258	186	1.8	8	.50	.1	12	13	326	1.95	1	.09	11	.19	78	12	.01	23	500	28	36	1	50	1	.01	1	36.1	1	68	790
T10B001	1.2	2.04	19	298	4.1	14	1.00	.1	14	26	63	3.02	2	.31	49	.87	557	2	.01	19	980	55	40	1	193	4	.08	1	51.0	3	121	112
T10B002	1.1	1.47	813	184	2.9	17	.98	.1	14	24	160	2.41	1	.48	46	.79	317	3	.02	19	1190	76	63	1	325	3	.07	1	56.5	3	86	138
T10B003	1.0	1.23	716	161	2.6	13	.70	.1	11	19	58	2.35	1	.31	33	.56	536	3	.02	16	1080	65	86	1	96	7	.08	1	38.9	2	134	73
T10B005	1.1	1.17	1098	146	2.1	9	1.02	.1	9	13	39	1.46	4	.13	21	.45	391	3	.02	13	920	36	33	1	412	14	.01	1	23.7	1	59	407
T10B006	.4	.66	1090	112	1.8	11	.40	.1	13	14	117	1.97	1	.14	16	.32	330	6	.01	26	760	36	30	1	16	1	.02	1	37.6	1	49	702
T10B007	.9	2.00	3	553	3.0	19	.78	.1	21	31	310	2.36	3	.31	49	.99	464	4	.01	45	650	39	36	2	261	1	.06	1	64.0	3	56	593
T10B008	.3	2.13	1	427	3.5	10	.77	.1	18	20	152	2.76	1	.14	66	.88	624	3	.01	34	860	48	33	1	241	1	.04	1	68.6	3	63	156
T10B009	1.5	1.30	719	367	2.5	13	1.06	.1	19	35	502	2.44	4	.28	32	.63	312	11	.01	57	3210	38	43	1	54	2	.05	1	114.6	4	61	1260
T10B010	1.7	1.79	260	456	2.9	15	.52	.1	18	48	261	2.52	6	.76	45	1.25	306	8	.01	47	610	42	54	1	11	1	.12	1	109.4	5	84	515
T10B011	1.6	1.05	1289	303	2.7	10	.83	.1	20	57	512	2.86	1	.17	17	.36	245	17	.02	67	3290	63	63	1	25	1	.03	1	204.0	6	64	454
T10B012	1.3	1.19	4596	309	3.9	30	.40	.1	24	12	381	3.92	1	.22	15	.45	499	7	.02	43	1060	109	77	1	25	1	.01	1	39.0	1	80	211
T10B013	2.5	1.95	6602	251	3.9	25	1.40	.1	28	37	488	4.13	2	.74	68	1.35	221	8	.02	72	5340	55	39	1	22	1	.06	1	110.4	4	72	114
T10B014	.8	2.75	282	258	6.5	18	.76	.1	22	33	359	7.88	1	.61	33	1.36	397	24	.08	59	6450	87	26	1	130	1	.08	1	120.1	3	104	41
T10B015	.3	2.59	1	171	5.9	13	.50	.1	27	25	324	6.38	1	.39	49	1.15	383	9	.05	66	3030	73	27	1	112	1	.06	1	101.8	2	95	27
T10B016	.1	2.23	1	154	2.8	9	.39	.1	9	39	87	2.71	1	.37	43	1.10	334	4	.02	26	1540	47	27	3	1	1	.04	1	120.8	4	74	7
T10B017	.2	1.48	1	165	1.8	7	.31	.1	7	44	54	1.93	1	.30	30	.75	245	4	.02	29	900	42	25	1	1	1	.04	1	57.2	3	70	2
T10B018	.1	1.84	1	156	2.7	9	.29	.1	13	33	48	2.93	1	.07	20	.60	517	3	.01	37	820	45	17	1	1	1	.04	1	123.2	4	86	11
T10B019	.1	2.16	1	186	3.0	11	.25	.1	13	36	52	3.03	1	.14	27	.81	457	3	.01	36	810	42	20	1	1	1	.05	1	102.6	3	83	10
T10B020	.4	2.11	1	281	3.3	11	.24	.1	11	51	135	3.65	1	.11	23	.80	346	5	.01	42	1180	52	43	1	1	1	.03	1	150.7	5	176	12
T10B021	1.2	1.02	26	123	2.3	10	.58	.1	9	51	114	2.77	1	.07	13	.49	288	19	.01	44	1950	47	17	1	28	1	.03	1	445.4	9	57	15
T10B022	.4	.81	9	248	3.0	10	.05	.1	5	30	111	4.21	1	.16	5	.19	71	10	.01	19	1150	64	35	1	1	1	.02	1	95.5	2	38	11
T10B023	2.8	2.09	145	772	6.5	21	.14	.1	10	53	241	8.48	1	.86	29	.98	127	17	.05	32	2680	204	50	1	42	1	.05	1	165.0	4	67	30
T10B024	1.4	1.78	1	260	4.1	11	.35	.1	15	31	280	4.87	1	.20	29	.84	282	11	.03	62	1390	99	24	1	10	1	.04	1	113.6	3	150	32
T10B025	.5	1.41	441	145	3.7	11	.47	.1	15	24	353	4.79	1	.12	25	.64	291	12	.02	78	1350	136	30	1	9	1	.03	1	91.5	2	101	284
T10B026	.5	1.42	522	119	4.0	12	.21	.1	10	33	181	5.23	1	.12	28	.69	168	8	.02	42	910	90	26	1	1	1	.04	1	109.4	2	89	45
T10B027	4.8	1.77	667	310	3.3	12	.37	.1	13	64	213	3.55	3	.48	39	1.22	286	6	.02	40	1020	306	41	1	1	1	.04	1	72.1	5	306	31
T10B029	.3	1.80	1350	223	3.3	11	.57	.1	20	43	146	3.51	1	.22	29	.72	685	6	.02	59	2210	86	33	1	15	1	.03	1	147.3	5	123	116
T10B030	.4	1.65	1393	313	3.4	11	.60	.1	23	42	220	3.22	1	.20	31	.96	606	4	.02	76	1250	109	79	2	27	1	.03	1	134.6	4	121	103
T10B033	1.2	2.93	40	312	5.5	22	.74	.1	21	30	289	6.88	1	.69	44	1.65	276	12	.09	46	3140	80	40	1	135	1	.08	1	120.2	3	71	19
T10B034	.5	3.25	266	888	5.5	36	1.01	.1	62	23	289	6.72	1	.37	34	1.78	717	4	.04	75	1760	89	55	1	81	1	.06	1	85.3	3	115	16
T10B035	.2	1.77	1	404	2.3	11	.49	.1	20	15	94	3.07	1	.12	21	.63	324	4	.02	31	970	37	17	1	22	1	.06	1	46.2	2	70	14
T10B036	.4	2.40	1	566	2.9	11	.51	.1	21	26	168	3.77	1	.12	26	1.08	300	5	.03	41	630	50	23	1	18	1	.08	1	68.0	3	83	8
T10B037	.7	2.25	139	456	3.4	16	.65	.1	23	24	182	4.54	1	.44	27	1.19	326	5	.07	35	1490	65	26	1	20	1	.08	1	75.0	3	100	11
T10B038	.8	2.09	102	289	4.2	12	.28	.1	17	35	259	4.79	1	.24	22	.72	439	5	.04	44	1520	66	48	1	39	1	.06	1	93.3	3	76	13
T10B039	2.3	1.49	1301	237	4.6	21	.24	.1	9	42	205	6.00	1	.47	19	.81	130	8	.04	34	2320	155	94	1	50	1	.04	1	102.0	3	60	110
T10B040	.3	2.15	1	248	4.																											