Table of Contents

MAPS

SUMMARY

Orko Gold Corporation's wholly owned Bonaparte gold property lies about 30 km due north of Kamloops, B.C. It consists of fifty-three contiguous claim units and two fractions which cover about 1,175 hectares on the Inland Plateau at gentle elevations about 1,700 m A.S.L. The property has been explored for gold since 1984 by several programs of mapping and surveys plus extensive trenching and diamond drillings. This work has located several auriferous quartz veins.

The veins occupy fractures, minor faults and shears in a Mesozoic quartz diorite which has intruded late Paleozoic argillites and Triassic volcanics. These rocks have been exposed by erosion of overlaying Tertiary basalt.

The main quartz vein system, the Crow vein system, consisting of several irregular branching veins has been exposed by trenching over about 200 m north-south along strike. Sampling values average out to 41.41 g gold/tonne over a width of 0.81 m and over a length of 63 m. In 1994, almost 4,000 tonnes grading over 24.0 g gold/tonne was mined in an open pit and shipped to Cominco. Diamond drilling to depth has given inconsistent values.

Orko Gold Corporation diamond drilling in 1998 gave some good values on the south extension of the Crow vein system.

About 120 m to the east the Raven vein has been intermittently exposed over a north-south strike length of 140 m. Trenching and drilling has shown it to be very irregular, generally narrow and low grade.

About 80 m further east the Chikadee vein has been exposed in a few trenches, it is narrow and low grade other than in isolated patches. A block field of mineralized angular blocks about 75 m to the north may indicate an extension of the Chikadee vein.

The Flicker vein, about 70 m further east again, has been partly exposed over about 30 m. This may be its total length as it pinches down both to the south and north. It is relatively well mineralized.

Orko Gold Corporation's drilling in 1998, consisted of 1,103 m in 21 diamond drill holes. The results were moderately successful and pointed to areas which warrant further exploration mainly the south extension of the Crow vein system. It is also suggested that altered sediments and volcanics on the periphery of the intrusion should be explored for gold deposition.

INTRODUCTION

The writer was asked by the Directors of Orko Gold Corp. to arrange for and to carry out a diamond drill program on the Company's wholly owned Bonaparte Gold property. The writer worked on the property daily from June 7th to July 15th, 1998 (with the exception of four days). Excavator work such as road repair, drill pad construction, sumps, trenching and some reclamation work was carried out between June 9th and 20th. Diamond drilling commenced on June 14th and ended on July 13th, 1998.

This report is based on the results of the above work and on referenced as listed.

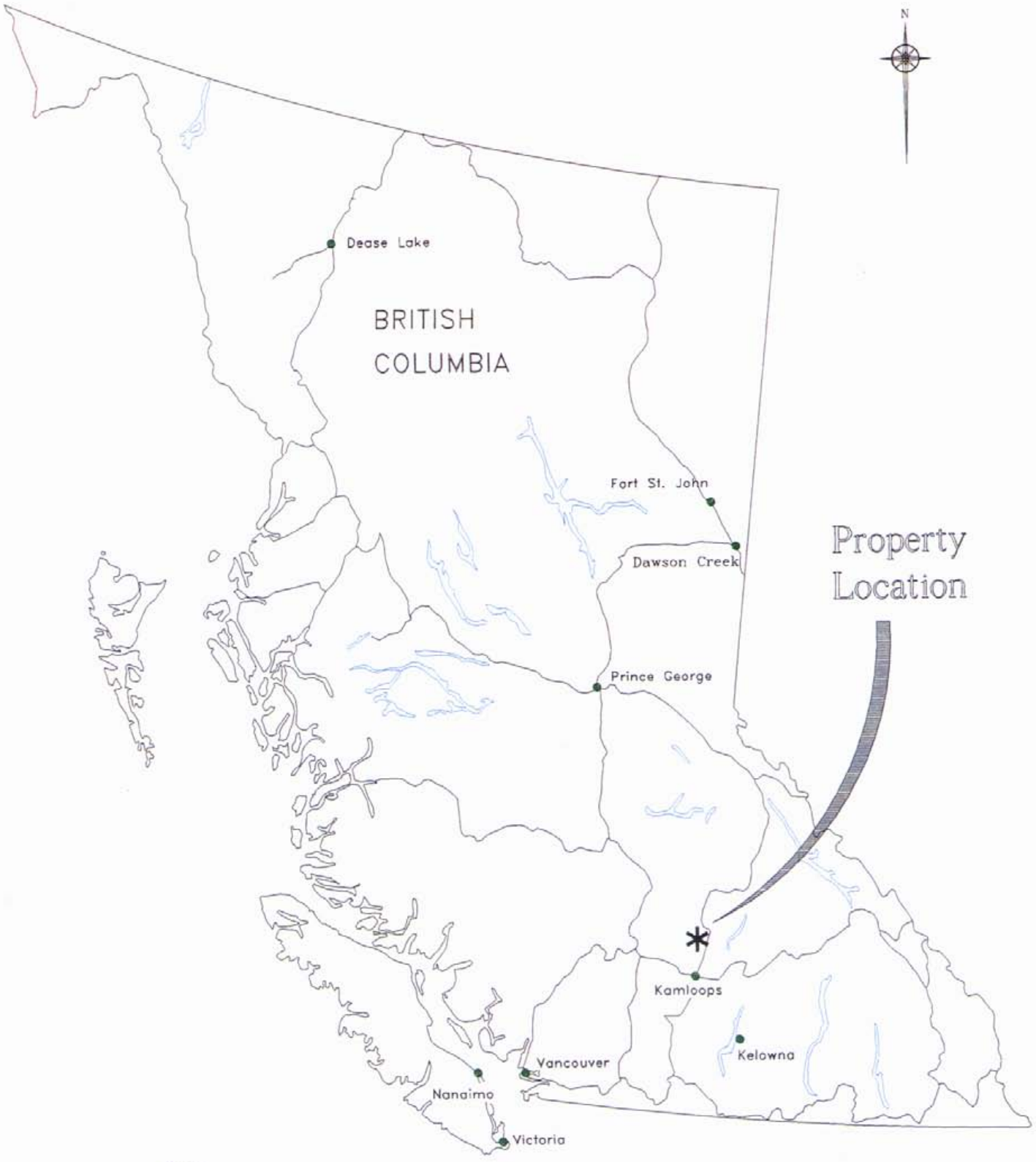
PROPERTY

The Bonaparte Gold property consists of nine modified grid claims totalling 53 units and two fractions in a contiguous block which covers approximately 1,175 hectares.

"The property is 100% owned by Orko Gold Corporation, subject to a pre-existing 2% net smelter return (NSR) to Hughes-Lang Corporation and 3% NSR to Inter-Pacific Resources Corporation (now QPX Minerals Inc.). A Purchase Agreement was signed between the vendors, Beaton Engineering Ltd, (50%) and Cleveland Capital Corporation (50%) and the purchaser, Tarron Industries Corporation (name changed to Orko Gold Corporation as of June 3rd, 1997) on February 21, 1997." (From Peter Christopher, Ph.D., P.Eng., Report June 23, 1997.)

The purchase was completed in May 1998.

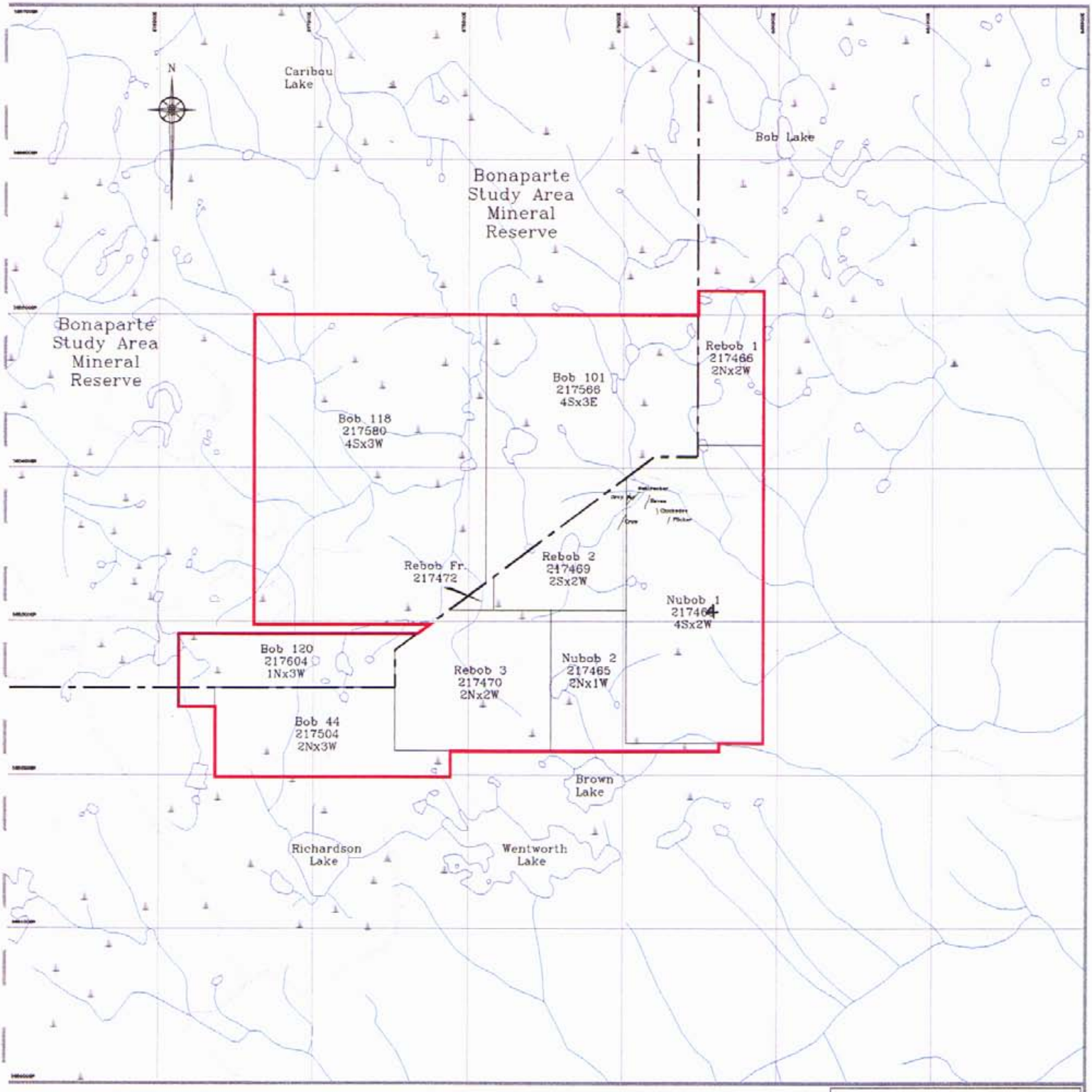
The writer has no personal knowledge of the above agreements.



ORKO GOLD CORP.

Bonaparte Gold Property
Kamloops Mining Division
Location Map

Scale: As Shown	Figure: 1
Date: Sept 98	Source:
Dwn by: wk	Coast Mountain Geological Ltd.



ORKO GOLD CORP.

Bonaparte Property

Kamloops Mining Division

Claim Map

Scale: As Shown		File: orko\claimgeo
Date: Sept 98	Source:	Fig: 2
Dwn by: wk	Coast Mountain Geological Ltd.	

TABLE I PERTINENT CLAIM DATA

Claim	Units	Record #	Tenure #	Recorded	Expiry Date
NUBOB 1	8	6319	217464	1985	July 23, 1999
NUBOB 2	2	6230	217465	1985	July 23, 1999
NUBOB fr		6342	217473	1985	August 19, 1999
REBOB 1	2	6321	217466	1985	July 23, 1999
REBOB 2	4	6330	217469	1985	July 23, 1999
REBOB 3	4	6331	217470	1985	July 23, 1999
REBOB fr		6341	217472	1985	August 19, 1999
BOB 44	6	6434	217504	1985	November 13, 1999
BOB 101	12	6573	217566	1986	March 27, 1999
BOB 118	12	6587	217580	1986	March 27, 1999
BOB 120	3	6635	217604	1986	April 28, 1999

The writer examined the claim records at the Vancouver Mining Recorders Office and confirmed this information.

LOCATION AND ACCESS

The property is located 38 km north of Kamloops B.C. in the Kamloops Mining Division on Mapsheets 92P/IW and 92I/16W. The center is about at 51 00'30" N and 120 28' W.

The property can be reached via the paved Westsyde road to the Jamieson Creek main haul logging road 30 km north of Kamloops and by following Jamieson Creek, Wentworth Creek and Bob Lake logging roads for 25 km to the 3 km mine road.

Weyerhauser Canada Ltd. plans to improve the last part of these roads next year with the intention of logging close to the claim area.

TOPOGRAPHY AND CLIMATE

The Property lies on the Thompson Plateau at elevations between 1,600 and 1,780 m ASL. The area is forested mainly with fir but contains some open meadows and minor swampy areas.

The climate is relatively cool due to the elevation. Annual precipitation is over 100 cm which falls mainly as snow causing heavy spring run-off.

The ground will be largely free of snow from the last half of May to last half of October.

HISTORY

Regional stream silt sampling by Minequest Exploration Assoc. Ltd. in 1984, resulted in the discovery of gold mineralization in quartz veins hosted by diorite intrusions on the present Bonaparte property. These intrusions had previously been explored for copper-molybdenum porphyry type mineralization.

Follow-up exploration in 1985 to 1989 consisted of geological mapping and surveys plus extensive trenching (1,683 m and 38 test pits) and a total of 4,674 m of diamond drilling in 62(?) holes. Further diamond drilling in 1994 and 1995 consisted of 25 holes totalling 1,185 m.

The above physical work has been concentrated in an area which extends about 300 m east-west and 200 m north south. Six auriferous veins were located by surface trenching. The main vein system (the Crow, Grey-Jay and Nutcracker) has been most extensively drilled. A high grade zone of mineralization was outlined in the central and north part of the Crow, Grey Jay veins near surface. The upper part of this zone was mined by open cut in 1994. About 3,700 tonnes grading over 0.7 oz/tonne was shipped to Cominco.

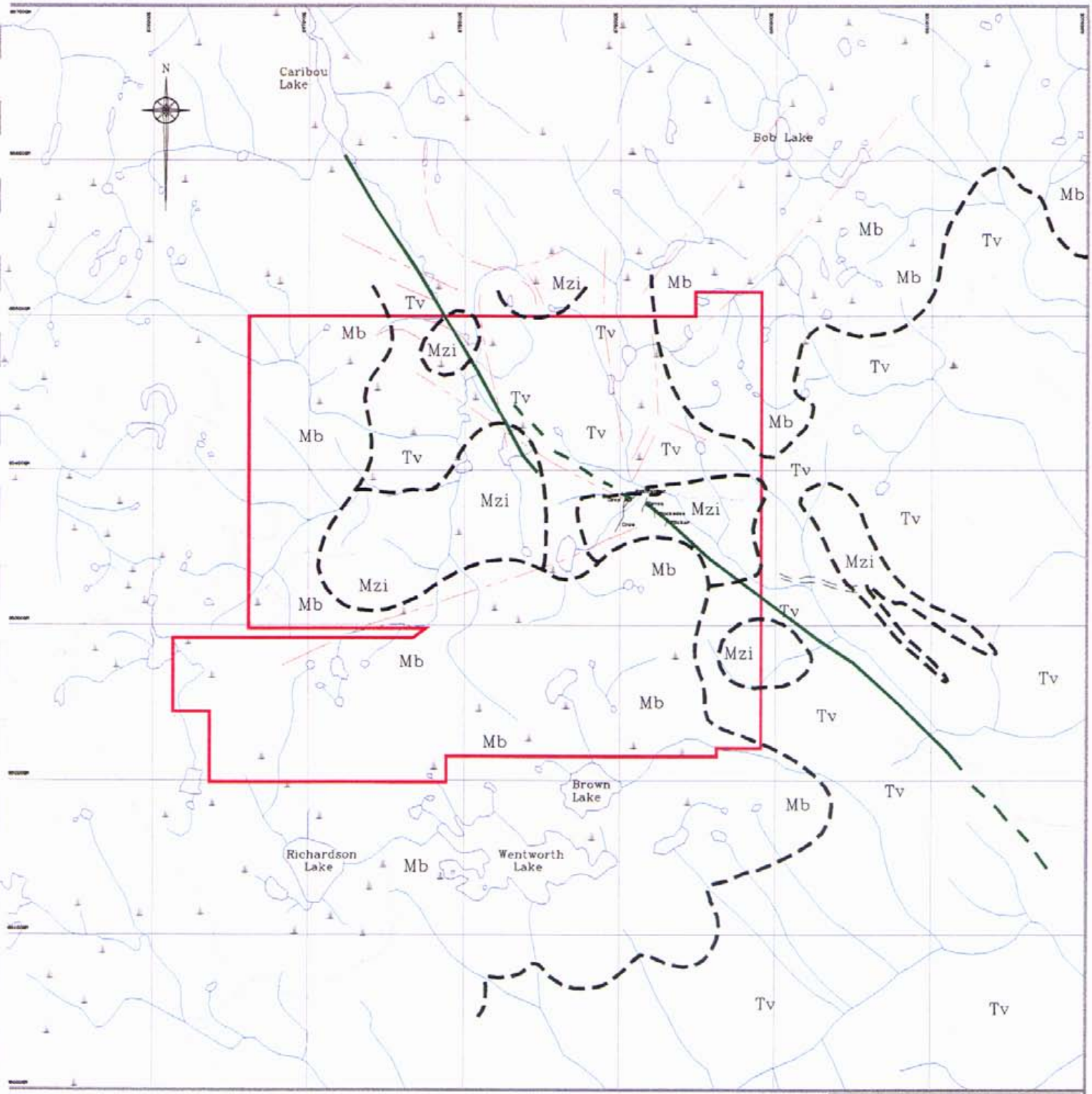
Geological mapping, soil surveying and prospecting has indicated other areas on the claim ground which warrant further exploration.

1998 DIAMOND DRILL AND TRENCH PROGRAM

1,103 metres of drilling was carried out by Connors Drilling, Kamloops, on behalf of Orko Gold Corp. between the 13th of June and 14th of July, 1998. Twenty-one (21) holes were drilled ranging in length from 15.2 to 97.5 metres. The drilling was designed to further examine auriferous quartz veins previously located in a body of intrusive diorite within the claim ground. H.Q. core (7.5 cm diametre) was drilled to maximize recovery.

TABLE II DIAMOND DRILL HOLE DETAILS

Hole 98#	Azim	Dip	Length metres	Location	Main Intersections From	To	Est. True Width	Assay Grams Au/tonne	Comments
1	W	-60°	84.5		44.6	48.6	3.0	11.326	South end of south extension of Crow vein
2	65°	-45°	29.9		16.4	17.2	0.5	23.0	Flicker vein
3	W	-45°	33.5		9.5	10.4	0.7	7.43	South Crow vein
4		-90°	45.7					Nil	South Crow vein
5		-90°	70.1		54.9	55.8	0.7	Quartz	South Crow vein
6	W	-53	97.5		27.0	27.7	0.5	2.86	Split from Crow vein
					33.2	34.1	0.7	8.29	Crow vein - central
					92.8	95.6		Nil	New vein in F.W. of Crow vein
7	W	-80°	60.4		39.0	40.0	0.7	0.238	Crow vein
8	W	-50°	74.7		35.3	36.3	0.7	21.0	Crow vein - central (split)
9	115°	-45°	28.7		19.3	22.9	1.2	0.851	Flicker vein
10	W	-55°	65.2					Nil	Grey jay vein
11	W	-45°	15.9					Quartz	Chikadee vein
12	W	-55°	77.7		23.8	24.6	0.5	2.62	Nutcracker ?
					39.7	41.1	1.0	6.22	Grey Jay vein
					53.1	53.8	0.5	1.52	Shearing (footwall)
14	W	-60°	22.9		6.8	7.6	0.6	4.35	Chikadee vein
15	W	-70°	66.2		14.9	16.5		Nil	Grey Jay vein
					31.7	33.2	1.4	0.449	Vein in F.W. of Grey Jay vein
16	W	-55°	44.5		42.7	43.9	0.9	0.240	Grey Jay vein - no Nutcracker vein
17	W	-75°	45.1						Nutcracker vein cut by dyke
18	North	-45°	59.5					Nil	Anomalous copper-moly at contact
19	W	-45°	95.1		22.9	23.2	0.3	2.22	Nutcracker vein
					30.5	31.6	1.0	4.52	Grey Jay vein
					40.5	41.3	0.?	3.15	Shearing (Footwall)
21	W	-45°	15.2					Nil	Contact Zone
22	W	-60°	18.6					Nil	Contact Zone
23	W	-45°	45.7		33.0	33.7	0.5	Nil	North Extension of Chikadee ?


N
Caribou Lake
Bob Lake
Brown Lake
Richardson Lake
Wentworth Lake
Mb
Tv
Mzi
Mb Miocene Basalt
Tv Triassic Volcanics & Late Paleozoic Sediments
Mzi Mid-Mesozoic Intrusions
Air Photo Lineaments
Major Lineaments
Road
Scale:
0 250 500
Metres
Geology after MineQuest, 1985
Air Photo Lineaments after Livgard, 1998
ORKO GOLD CORP.
Bonaparte Property
Kamloops Mining Division
Geology Map
Scale: As Shown
File: orko\claimgeo
Date: Sept 98
Source:
Fig: 3
Dwn by: wk
Coast Mountain Geological Ltd.

Diamond drilling to depth, and on extensions north and south on the Crow - Grey Jay vein system and drilling on other veins gave highly variable values and no vein or vein segments of contiguous good gold grade was outlined. Some veins intersections can not be correlated with known veins.

Trenching was carried out exposing the south Crow vein over about 65 metres. The vein contains highly erratic patches of sulphides.

Trenching for the south extension of the Flicker vein encountered a fault and sedimentary rocks but no vein extension.

Trenching near Block field "B" exposed a quartz vein which gave moderate gold values. This may be the northern extension of the Chikadee vein.

The southern extension of the Crow vein has given some promising intersection such as 11.3 g over a true width of 3.0 m (D.D.H. 98#1). Other intersections in this area are also of interest (see longtitunial section Fig 19). It is however, covered by Tertiary basalt not much further south.

GEOLOGY

ROCK TYPES

(After Minequest Report May 1985)

Regional Geology

The North Thompson claims cover the boundary between two maps-sheets at 51°00'N. To the north, Bonaparte Lake map sheet was mapped by Campbell and Tipper (1965) who designated the rocks as Pennsylvanian to Permian volcanic arsenite, greenstone, argillite and phyllite with minor quartz-mica schist, limestone, and basalt and andesite flows. This sequence was intruded by granitic rocks similar to the early or mid-Mesozoic Thuya and Takomkane Batholiths, with compositions of hornblende-biotite quartz diorite and granodiorite, with minor hornblende diorite, monzonite, gabbro, and hornblendite. Miocene Plateau basalts are found at higher elevations and are predominantly olivine basalt and andesite with minor ash and breccia. Most recently, Monger and McMillan (1983) have mapped the Ashcroft Map-area and have classed the basement in the claims area as Paleozoic and Mesozoic, with volcanic rocks similar to the Triassic Nicola Group and sedimentary rocks similar to the "Harper Ranch Group" of Devonian to Permian age. Volcanic rocks are augite porphyry, bladed feldspar porphyry, chlorite schist, and metabasalt, whereas the sedimentary strata comprise of argillite, cherty

argillite, siltstone, volcanic and chert grain sandstone, chert pebble conglomerate, volcaniclastics of basic to acid composition and rare carbonate pods.

Property Geology

The Bob (now Bonaparte E.L.) claim group is underlain by quartz diorite, and feldspar porphyry stocks, sills and dykes intruding meta-sedimentary and meta-volcanic rocks. Capping the pre-Tertiary rocks are flat lying Miocene Plateau basalt flows which form an extensive plateau above 5,500' elevation.

UNIT 1: Meta-sedimentary and Meta-volcanic Rocks

Meta-sedimentary and meta-volcanic rocks are well exposed in "Cooler" and Bob Creeks, and sub-divided into five mappable units.

Units 1A and 1B:
Shale, argillite and siltstone (Unit 1A) are black to dark grey with limonitic patches. Shaley phyllite and graphitic phyllite (Unit 1B) are the same composition but slightly more deformed and metamorphosed equivalents of Unit 1A. Both units are recessive.

Unit 1C:
Meta-volcanic rocks are characterised by their pale green to green weathering. In the field these rocks were described as greenstone, green phyllite, and chloritic phyllite, and primary textures have been destroyed. Locally, these green phyllites are in contact with more massive porphyry, with 1 to 2 mm augite phenocrysts in a fine to aphanitic green groundmass.

Unit 1D:
Calcareous phyllite and calcareous chlorite phyllite are exposed in Bob Creek. The rocks consist of alternating layers and lenses of carbonate and chlorite - rich material. The chlorite has a preferred orientation and hence imparts aphyllitic texture. The weathered surface is grey to green and the carbonate layers dissolve-out producing a rough, pitted surface.

Unit 1E:
Siliceous meta-sedimentary rocks with up to 5% pyrite, weather rusty brown and limonitic yellow, are foliated, and are well indurated to glassy. Intensity of silicification and pyrite mineralization are greatest near contacts with intrusive rocks.

Some exposures illustrate that the silicification can be selective to certain lithologies. The chlorite-rich Unit 1C does not appear receptive to the silica

but rocks believed to have been shales and argillite are completely silicified. There are a few outcrops at the diorite-shale contact with no apparent silicification.

UNIT 2: *Mesozoic Intrusive Rocks*

Unit 2A:
A quartz diorite stock has intruded Unit 1. The quartz diorite is medium grained, massive and light grey weathering, with a quartz content varying from 5 to 20%. Hornblende and subordinate biotite phenocrysts constitute 3 to 10% of the rock. Alteration is minimal with chlorite locally replacing biotite and hornblende. White quartz veins up to 5 cm wide cut the diorite. One locality in "Cooler Creek" has a series of subparallel quartz veins all approximately 1 to 2 cm thick.

Unit 2B:
Feldspar porphyry dykes and sills cut the meta-sedimentary rocks. Feldspar phenocrysts up to 5 mm long, with interstitial hornblende and biotite, are set in a fine, dark grey to green groundmass. The pyrite content varies from 0% within the dykes to 5% at the contact with the altered sedimentary rocks. These porphyries are probably a late phase of the stock, although they have not been seen to cut the quartz diorites.

Intrusive contacts of both the diorite and feldspar porphyry with the meta-sedimentary rocks are sharp and distinct. They are commonly subparallel to foliation but locally truncate the foliation at a high angle. Chilled margins in the feldspar porphyry are rare. West of the claims a shaley phyllite at the diorite contact shows development of a weak biotite hornfels.

UNIT 3: *Rhyolite dykes and sills*

Isolated outcrops of pale grey, fine-grained rhyolite have been mapped on the Bob claims. The rock is massive and appears to be unaltered.

DYKES

Frequent dykes were noted within the quartz diorite body in diamond drill holes drilled in 1998. They consist of dykes of apparent quartz dioritic composition with very fine ground mass with feldspar phenocrysts from 1 to 3 mm. Other dykes are grey-green homogeneous very fine grained.

UNIT 4: *Plateau basalts*

Most of the Bob 21 and Bob 27 claims are covered by massive and vesicular subhorizontal flows of dark brown to grey basalt and andesite weathering. The basalts are olivine porphyritic, and feldspar laths less than 1 mm long are common in the andesitic units. Columnar jointing was observed on several cliff faces in the Wentworth Creek valley. Individual flows vary in thickness from 1 to 20 m, with numerous lenses of volcanic breccia.

Structural Geology

The foliation present in the meta-sediments is subparallel to bedding except in the hinge zone of folds. Folds are tight to isoclinal with subangular to angular closures. The fold axes measured have variable trends and plunge from 0 to 50°. Microfolds on the millimetre and centimetre scale are common in the shales and phyllites. The phyllite foliation is locally crenelated. Since the fold orientations vary in the black shales and phyllite either inhomogeneous strain or at least 2 episodes of deformation are present.

Fractures are commonly parallel to the foliation. The foliation in Cooler Creek is consistently 035° to 060°, dipping moderately to the southeast.

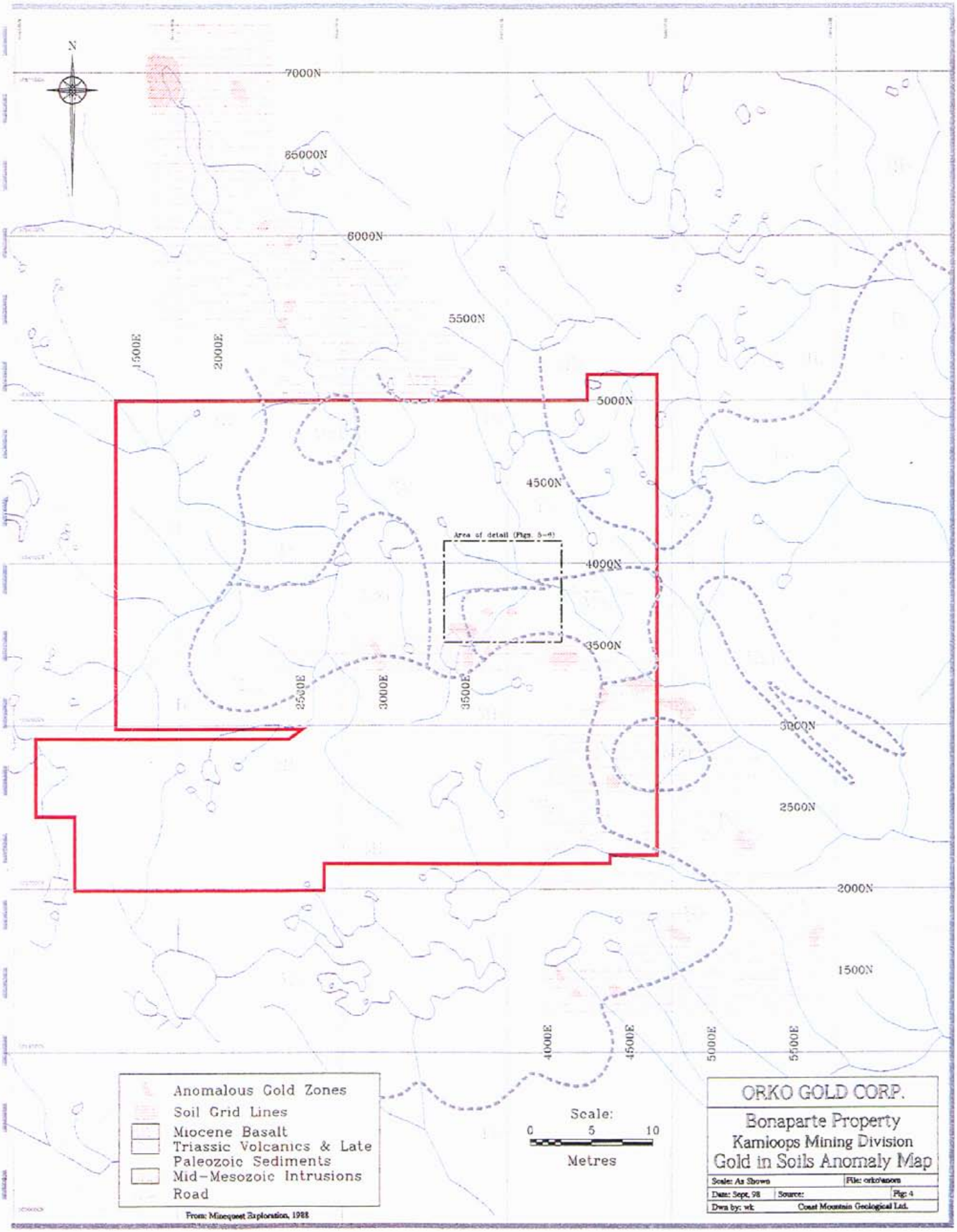
Minor faults were noted in the 1998 drilling. Their strike and dip is unknown. Occasional shearing was indicated by well developed foliation over narrow widths.

An airphoto lineament study (1998) indicates persistent and extensive northwest striking structures from the property and along a northwest running creek into Caribou Lake and southeast from the property more or less along "Cooler" Creek, while a 10 - 20° change in strike appears to occur near the property. These structures are also indicated by an interpretation of geophysical, survey results (Minequest, Richard Gosse, January 1987). North striking airphoto lineaments suggests a possible northerly extension into sediments of structures which hosts some of the quartz veins, such as the Crow vein.

This is also indicated by a geological interpretation (Minequest, R. Grosse, January 1987).

ALTERATION

The quartz diorite body has suffered little alteration. Some light sericitic alteration was noted particularly near the contact area. Silicification was noted in areas of frequent quartz stringers and penetrating into the walls beside quartz veins. Areas of fracturing and core fragmentation has considerable chlorite on fracture surfaces.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Area of detail (Figs. 5-6)
Anomalous Gold Zones
Soil Grid Lines
Miocene Basalt
Triassic Volcanics & Late Paleozoic Sediments
Mid-Mesozoic Intrusions
Road
From: Minequest Exploration, 1988
Scale:
0 5 10
Metres
ORKO GOLD CORP.
Bonaparte Property
Kamloops Mining Division
Gold in Soils Anomaly Map
Scale: As Shown
File: orkoanom
Date: Sept. 98
Source:
Fig: 4
Dwn by: wk
Coast Mountain Geological Ltd.

The sediment-intrusive contact is heavily altered and disturbed. The sediment and to a less degree intrusive rocks have been strongly to completely silicified. Development of brown biotite gives the rock a wavy, dirty and foliated look. Further away from the contact the sedimentary rocks have been hornfelsed and pyritized as seen in outcrops. Some drill holes (1998) show a gradual change from fresh diorite to total silicification with wavy bands of biotite.

MINERALIZATION

The mineralization so far examined is largely confined to quartz veins. Eight of these have been names: The Crow, Grey jay, Owl, Nutcracker (these four are part of one vein system), Raven, Chikadee, Flicker and Woodpecker. The vein system (Crow - etc.) and veins strike north to north-northeast (N to NNE) and dip moderately to the east. They cover an area of about 300 m east-west, being 25 to 100 m apart and extend from 10 m to 200 m north-south.

The gold mineralization confined to quartz veins within the intrusive body is highly variable.

It is generally associated with sulphides, pyrite, chalcopyrite, and pyrhotitie which is found in irregular patches. Occasional very high grade zones exist but no logical explanation for their occurrence has been found.

The veins appear to be mesothermal and should extend to depth. They pinch and swell from a few centimetres to more than 3.0 metres in width and bifurcate irregularly along strike and also to depth as indicated by diamond drilling.

There is some indication in diamond drilling that the mineralization may diminishes with depth. A definite answer to that question may not be forthcoming without underground exploration.

"A scanning electron microscope study (Leitch 1988) was carried out recently to investigate the possibility of the gold being leached from soluble tellurides and reprecipitated at the water table. The study was inconclusive with respect to the possibility of the high grade areas being due to supergene enrichment" (Rosco Postle Associates Inc., February 15, 1988)

Mineralization not confined to quartz veins is of interest as it may be less erratic and more extensive. Diamond drill hole 98#12 intersected (true) 0.5 m of well foliated sheared diorite which graded 1.52 grams gold and hole 98#19 intersected 0.8 m (true width unknown) of foliation and shearing in diorite which graded 3.15 grams gold. A.T. Fisher (August 1989) reports a sample in trench #4 1989 which graded 0.612 ounces gold per tonne across a 1.5 m wide (true) shear zone with narrow quartz stringers. There is however, a large number of shears sampled in 1998 drilling which did not carry gold.

The intrusive body occasionally has a weak stock work of quartz stringers which carries minor copper and molybdium mineralization.

The quartzdiorite infrequently carries 10 - 15 ppb gold but usually not more than 5 ppb. Strong silicification at the contact area is frequently highly anomalous in copper and molydenite and occasionally in arsenic, seldom in gold.

VEINS

The trench grade information is from Minequest 1987. The sampling carried out by Minequest consisted of panel sampling in the Crow vein system and channel sampling in the other veins. The samples were analysed at Bondar Clegg, Vancouver. The writer believes that the sampling is of high quality. The grade values were averaged by the writer.

CROW VEIN SYSTEM

Surface sampling gave good grades in the central and north part of this vein system:

Central Crow:	19 m	19.54 g Au/tonne over 1.06 m width
Grey Jay:	29 m	51.49 g Au/tonne over 0.76 m width
Nutcracker:	15 m	66.5 g Au/tonne over 0.58 m width

The south end of the Crow vein has little surface values. The only value noted down is a shear grading 21.6 g Au/tonne over a width of 1.5 m on section 8025N. The diamond drill holes along this southern extension (both 1998 and earlier drilling) are however, promising. Of twelve holes drilled three gave good grade, five low to moderate grade and four intersected quartz vein without values. The vein is open the south, but the Tertiary lava covers any vein only 20 to 25 m to the south. The vein system has little values from section 8050N to 8075N where it appears to start improving again. Occasional good grade intersections continue for about 100 m to section 8175N (approximately 25% good values, i.e., of economic grade in a normal underground mining operation - 40% low to moderate grade and 35% negative). Many of these intersections occur, however, in a vein in the footwall of the Crow vein system. This footwall vein has not been located on surface.

RAVEN VEIN

The vein has been exposed intermittently over a strike length of 140 m. The trenches expose a very erratic vein with which is usually less than 0.5 metres in width and carries little sulphides. The best section is at the south end of the trenching where a 20 metre length has given 9.02 g gold/tonne over 1.36 m width. Past diamond drilling gave low values only.

The vein is open to the south. A soil anomaly lies on its south projection (oral communication with Bruce Perry, Ph.D., (Geol.))

CHIKADEE VEIN

This vein has been intermittently exposed over 40 metres. The projection between trenches is, however, uncertain. Sampling in three trenches over 15 m length gave 4.48 g gold/tonne over a width of 0.48 metres. The vein pinches down to 10 cm to the south but due to frequent pinching and swelling it may well widen out again. About 50 m to 75 m to the north is an area where several well mineralized quartz blocks have been located. It is called the "B" block field. A trench (1998) located a quartz vein which on surface graded 2.07 g and 5.14 g gold/tonne over 1.6 m and 1.22 m widths. A diamond drill hole (98 #23) intersected a quart vein below the outcrop with no values. If this is the same vein it dips to the west contrary to all other known veins on the property. This may be the north extension of the Chikadee vein. Other drilling on this vein 98#11 and #14 gave 4.35 g gold/tonne over 0.6 metres

THE FLICKER VEIN

The vein was sampled over a length of about 15 m and gave 7.27 g gold/tonne over a width of 0.65 metres. The vein appears to pinch out both to the north and south and a maximum length in indicated to be no more than 30 m. There is some faulting to the south, however, and it is possible that the vein extends on the south side of the fault.

Diamond drilling in 1998 gave in part good values ie., DDH#2 23.0 g gold/tonne over 0.5 metres and DDH#9 0.851 g gold/tonne over 1.2 m.

WOODPECKER VEIN

This vein lies just (10 m?) east of the Flicker vein. Information about the vein is of uncertain quality.

SOIL SURVEYING

(After Minequest 1988)

The soil survey consisted of 1,700 sample on the present Bonaparte gold property. The majority of the area was covered by sample grid lines 200 m apart and a sample spacing of

20 m. The area due west of the quartz vein exposures (Discovery zone) was sampled along lines 50 m apart with sample spacing of 10 m.

The "B" Horizon was sampled and analyzed for gold. Several anomalous areas were located. Two areas were distinctly anomalous namely the area immediately west of the quartz vein exposures (Discovery zone) and an area about 600 m east and 200 m south of the Discovery area (see map figure 4). The area immediately due south, southwest and southeast of the Discovery area was not surveyed.

Another soil survey which is not available to the writer apparently covered the above mentioned areas which had not previously been surveyed. Anomalous values were obtained due south of the Raven vein and to the south west of the Discovery area (oral communication Bruce Perry, Ph.D.).

GEOPHYSICAL SURVEYING

(After Minequest 1988)

A magnetometre survey, as well as a VLF-electromagnetic survey, defined two northwest trending fractures. This is consistent with an airphoto lineament study which noted strong northwest lineaments following parts of Cooler Creek. Weak magnetic highs outline areas of intrusive rocks while some strong VLF-electromagnetic north-northeast features apparently reflect bedding in the sedimentary-volcanic rocks.

A distinct north-south VLF-EM lineament coincides with the anomalous soils immediately west of the discovery zone.

EXPLORATION RECOMMENDATIONS

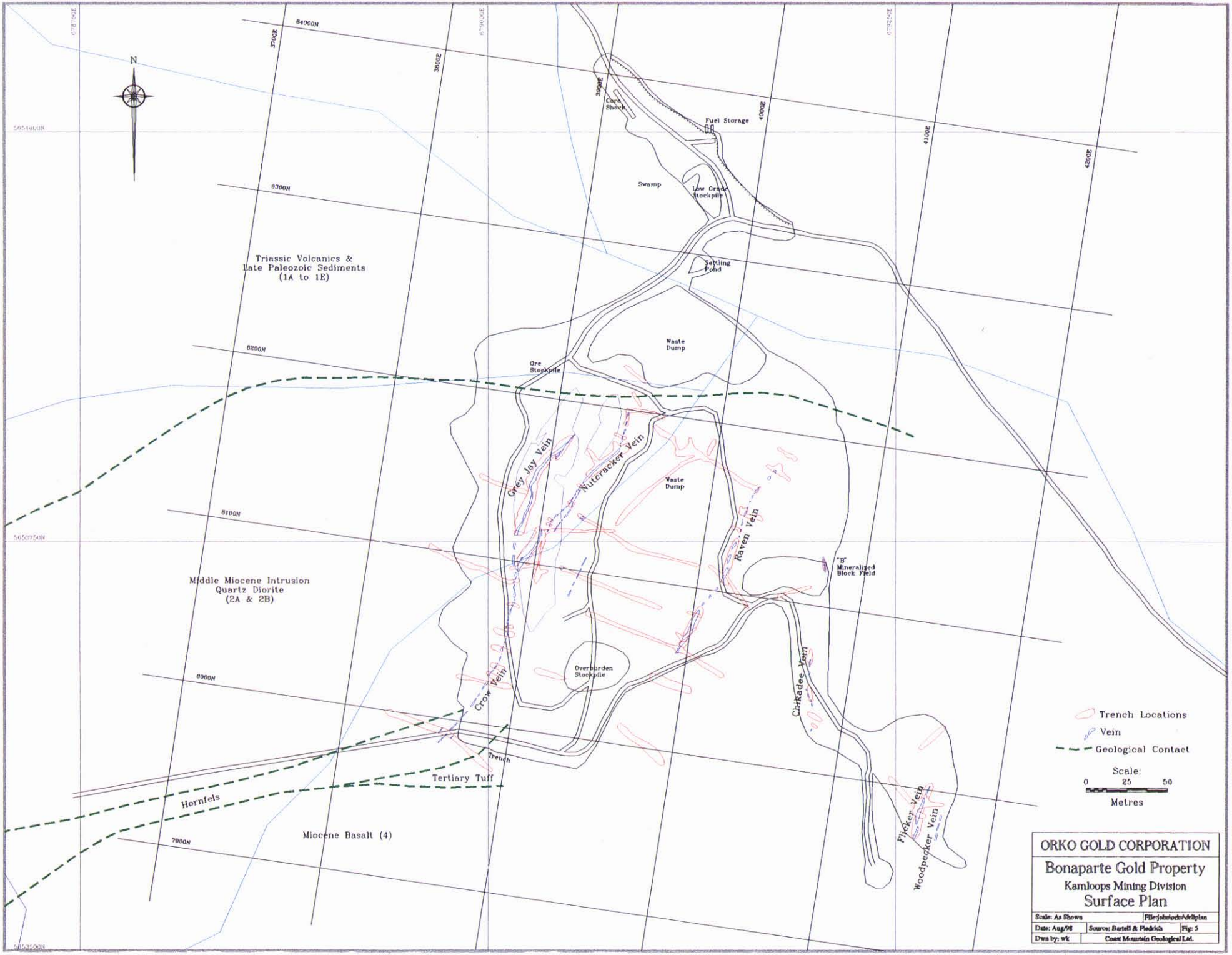
All exploration to date has been directed toward the quartz diorite intrusive, other than general property wide geological mapping and surveys. There appears to be a possibility for gold deposition in sedimentary-volcanic rocks surrounding the intrusion. It may be useful to examine the geological setting of the "QR" gold deposits at the Quesnel River near Likely B.C. There are three deposits at the QR which had mineable reserves of 1.3 million tonnes grading 4.7 g gold/tonne. These deposits are located near a "Front" of prophylitic-hornfelsed alteration halo approximately 100 m to 200 m away from an alkalic diorite stock. A hydrothermal system through structural and lithological controls deposited gold in a permeable lithology next to more impervious carbonaceous sediments within 50 m of the alteration front. A similar alteration halo surrounds the intrusive (diorite-quartz diorite-grandodiorite) stocks at the Bonaparte gold property. The composition of the intrusives is

different but the surrounding volcanic rocks are part of the same Takla-Nicola group while the sediments are very similar but apparently older than those at the QR mine.

Exploration markers are porosity such as faults, fracture zones or breccias near the alteration front, carbonaceous sediments and epidote-hornfels alteration.

The southern extension of the quartz veins also warrant further exploration.

Respectfully submitted,
Egil Livgard, P.Eng.
September 2, 1998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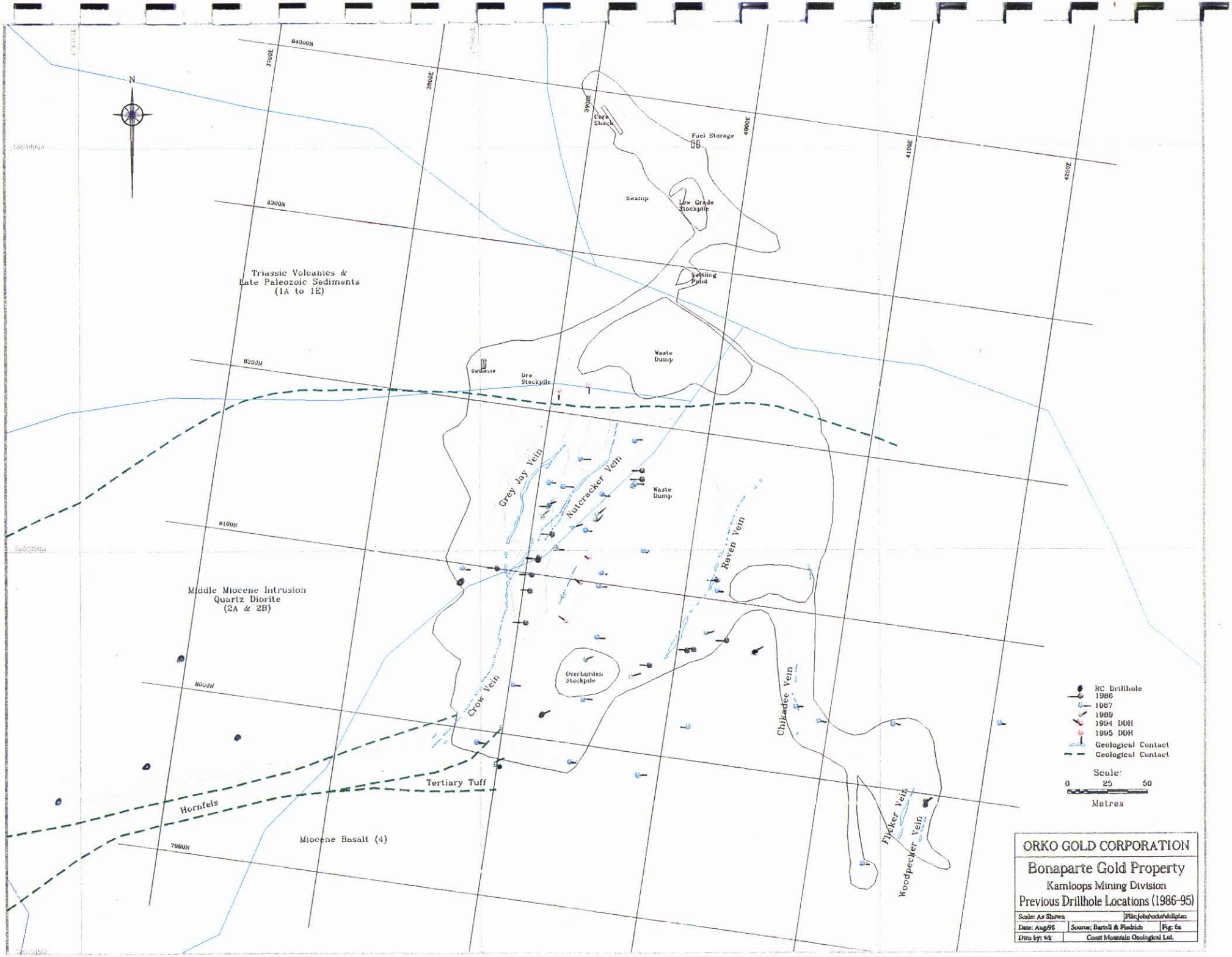
8400N
8300N
8200N
8100N
8000N
7900N
3700E
3800E
3900E
4000E
4100E
4200E
Core Shack
Fuel Storage
Swamp
Low Grade Stockpile
Settling Pond
Waste Dump
Ore Stockpile
Waste Dump
Triassic Volcanics & Late Paleozoic Sediments (1A to 1E)
Middle Miocene Intrusion Quartz Diorite (2A & 2B)
Grey Jay Vein
Nutcracker Vein
Raven Vein
"B" Mineralized Block Field
Overburden Stockpile
Crow Vein
Trench
Chickadee Vein
Flicker Vein
Woodpecker Vein
Tertiary Tuff
Hornfels
Miocene Basalt (4)
Trench Locations
Vein
Geological Contact
Scale:
0 25 50
Metres
ORKO GOLD CORPORATION
Bonaparte Gold Property
Kamloops Mining Division
Surface Plan
Scale: As Shown
File:john/orko/drillplan
Date: Aug/98
Source: Bartell & Piedrich
Fig: 5
Dwn by: wk
Coast Mountain Geological Ltd.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3700E
3800E
3900E
4000E
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8300N
8200N
8100N
8000N
7900N
Core Shack
Fuel Storage
Swamp
Low Grade Stockpile
Settling Pond
Waste Dump
Outhouse
Ore Stockpile
Waste Dump
Triassic Volcanics & Late Paleozoic Sediments (1A to 1E)
Middle Miocene Intrusion Quartz Diorite (2A & 2B)
Grey Jay Vein
Nutcracker Vein
Raven Vein
Chickadee Vein
Crow Vein
Overburden Stockpile
Tertiary Tuff
Hornfels
Miocene Basalt (4)
Flicker Vein
Woodpecker Vein
RC Drillhole
1986
1987
1989
1994 DDH
1995 DDH
Geological Contact
Geological Contact
Scale:
0 25 50
Metres
ORKO GOLD CORPORATION
Bonaparte Gold Property
Kamloops Mining Division
Previous Drillhole Locations (1986-95)
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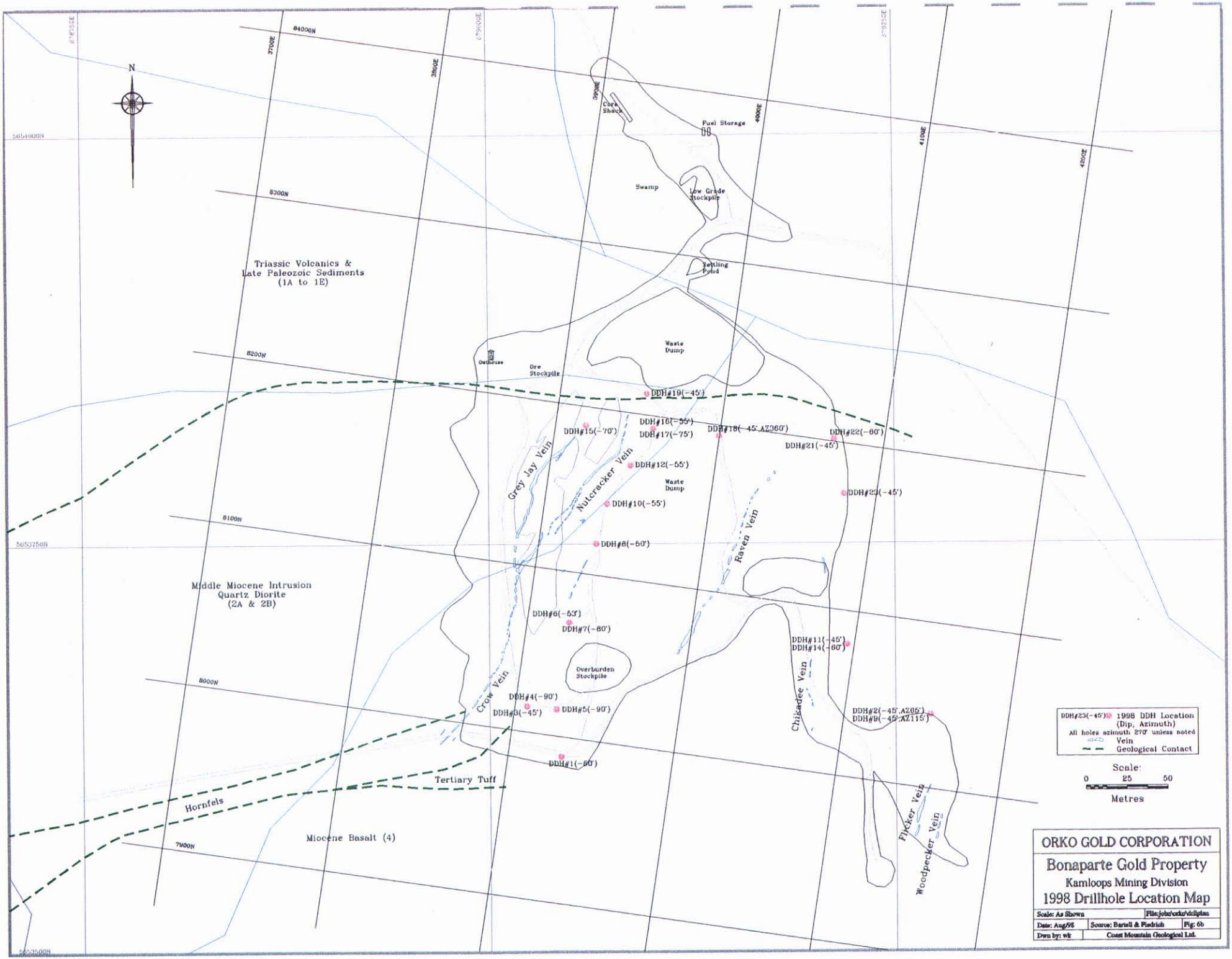
Date: Aug/96
Source: Bartell & Fiedrich
Fig: 6a
Dwn by: wk
Coast Mountain Geological Ltd.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Core Shack
Fuel Storage
Swamp
Low Grade Stockpile
Settling Pond
Waste Dump
Outhouse
Ore Stockpile
Triassic Volcanics & Late Paleozoic Sediments (1A to 1E)
Middle Miocene Intrusion Quartz Diorite (2A & 2B)
Tertiary Tuff
Hornfels
Miocene Basalt (4)
Overburden Stockpile
DDH#19(-45')
DDH#15(-70')
DDH#16(-55')
DDH#17(-75')
DDH#18(-45',AZ360')
DDH#22(-60')
DDH#21(-45')
DDH#12(-55')
DDH#23(-45')
DDH#10(-55')
DDH#8(-50')
DDH#6(-53')
DDH#7(-80')
DDH#11(-45')
DDH#14(-60')
DDH#4(-90')
DDH#3(-45')
DDH#5(-90')
DDH#2(-45',AZ05')
DDH#9(-45',AZ115')
DDH#1(-90')
Grey Jay Vein
Nutcracker Vein
Raven Vein
Crow Vein
Chickadee Vein
Flicker Vein
Woodpecker Vein
DDH#23(-45') 1998 DDH Location (Dip, Azimuth)
All holes azimuth 270° unless noted
Vein
Geological Contact
Scale:
0 25 50
Metres
ORKO GOLD CORPORATION
Bonaparte Gold Property
Kamloops Mining Division
1998 Drillhole Location Map
Scale: As Shown
File:jobs\orko\dillplan
Date: Aug/98
Source: Bartell & Fiedrich
Fig: 6b
Drwn by: wk
Coast Mountain Geological Ltd.

DDH 98#1
Azimuth 270° Dip 60°
Cross Section Looking North

Legend

- Overburden
- Dyke
- Diorite
- Sediments
- Quartz Vein
- Silicified Diorite
- Silicified Sediment
- Flood Silicification
- Breccia
- Porphyry
- Shearing

.046/1.0< 48.6 49.4 Au (grams)/Sample length (m)
Selected assays shown. Refer to Appendix 1 for full assay details.

Scale:
0 5 10
Metres

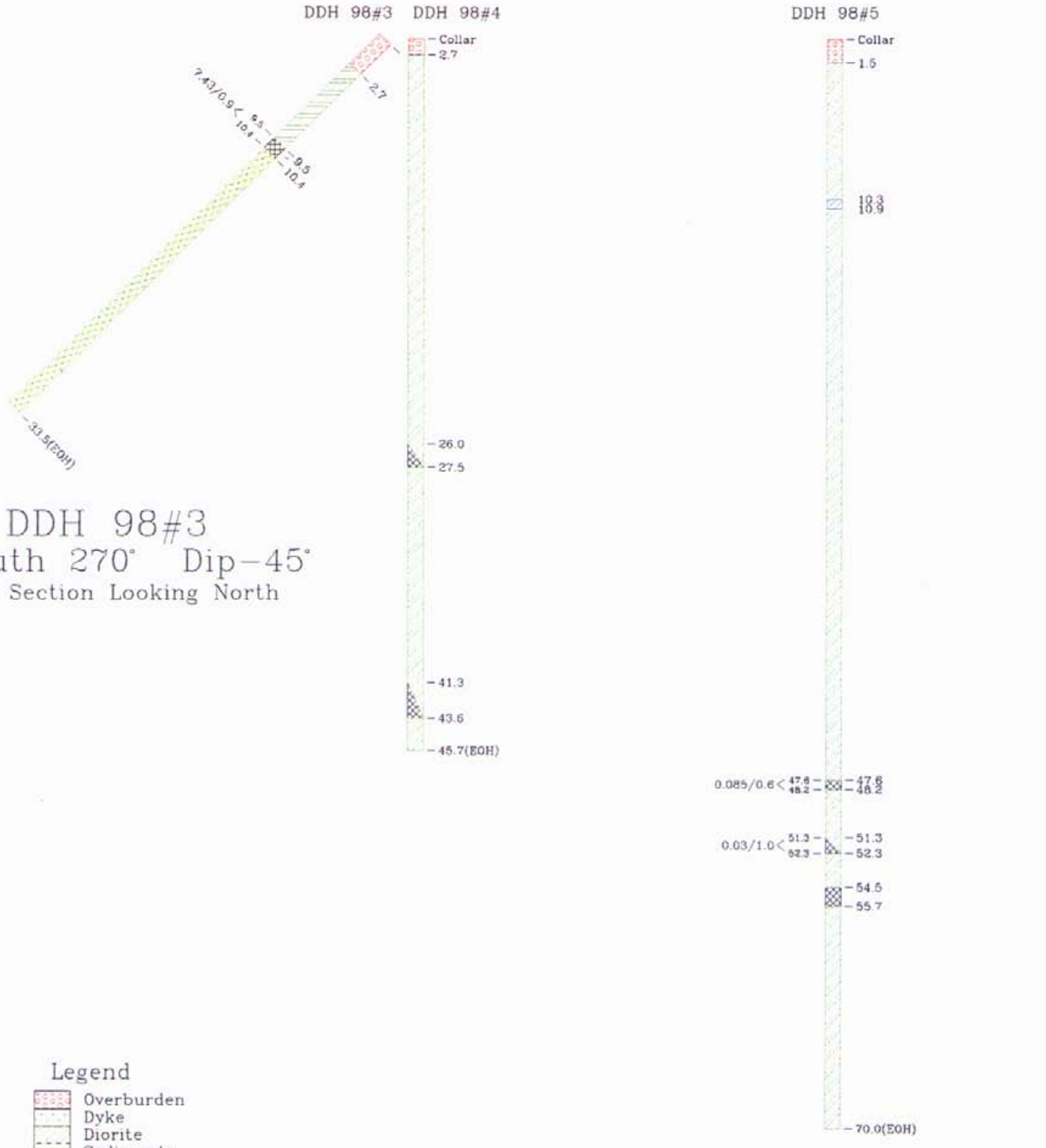
ORKO GOLD CORP.

Bonaparte Property
Kamloops Mining Division
DDH Cross Section

Scale: As Shown		File: orkoddh1
Date: Sept., 98	Source:	Fig: 7
Dwn by: wk	Coast Mountain Geological Ltd.	

DDH 98#4
Azimuth° Dip −90°
Cross Section Looking North

DDH 98#5
Azimuth° Dip −90°
Cross Section Looking North



DDH 98#3
Azimuth 270° Dip −45°
Cross Section Looking North

Legend

- Overburden
- Dyke
- Diorite
- Sediments
- Quartz Vein
- Silicified Diorite
- Silicified Sediment
- Flood Silicification
- Breccia
- Porphyry
- Shearing

1.16/1.0< 47.6 / 48.6 Au (grams)/Sample length (m)
Selected assays shown. Refer to Appendix I for full assay details.

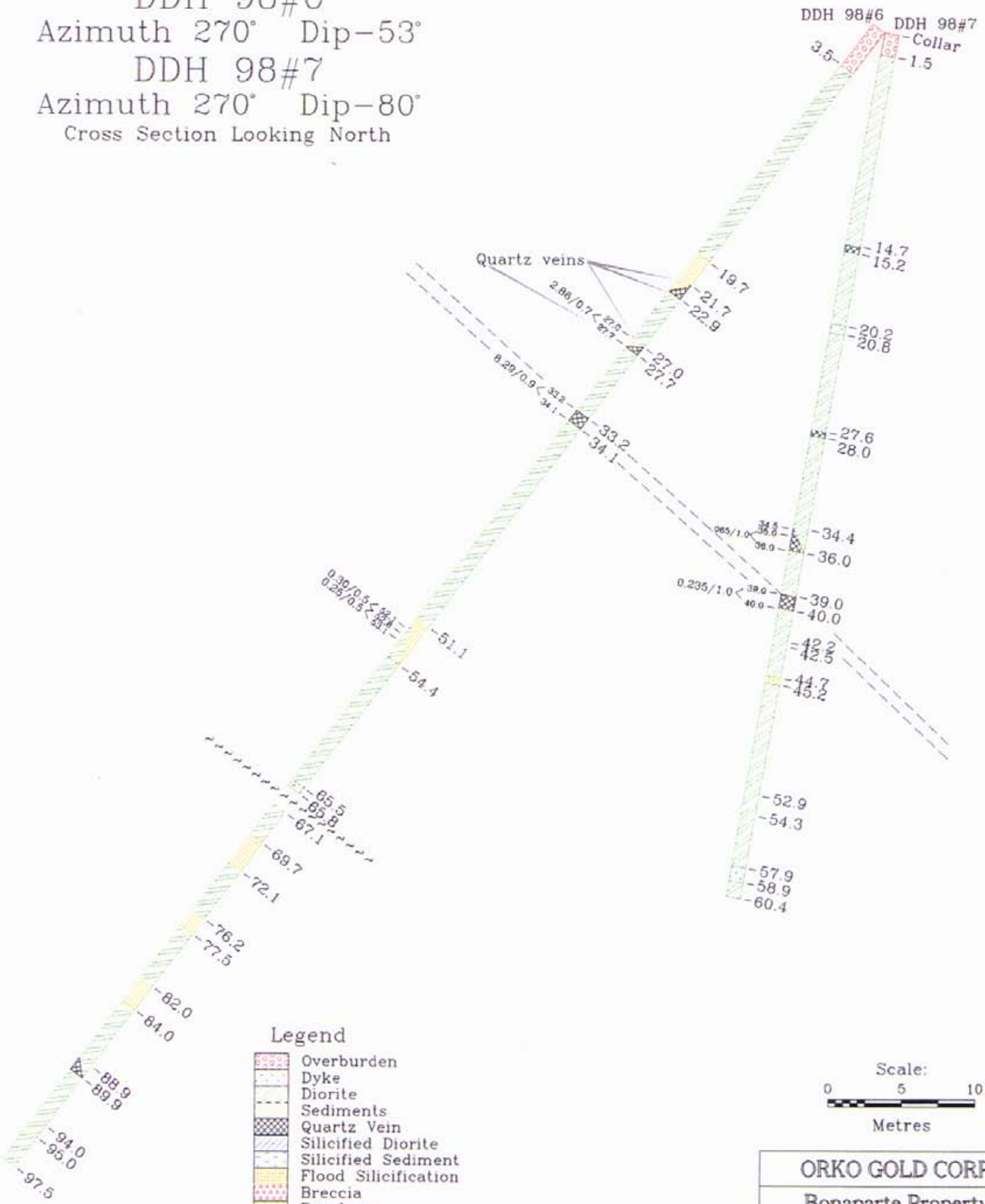
Scale:
0 5 10
Metres

ORKO GOLD CORP.

Bonaparte Property
Kamloops Mining Division
DDH Cross Section

Scale: As Shown		File: orkoddh3_4_5
Date: August, 98	Source:	Fig: 8
Dwn by: wk	Coast Mountain Geological Ltd.	

DDH 98#6
Azimuth 270° Dip−53°
DDH 98#7
Azimuth 270° Dip−80°
Cross Section Looking North



Legend

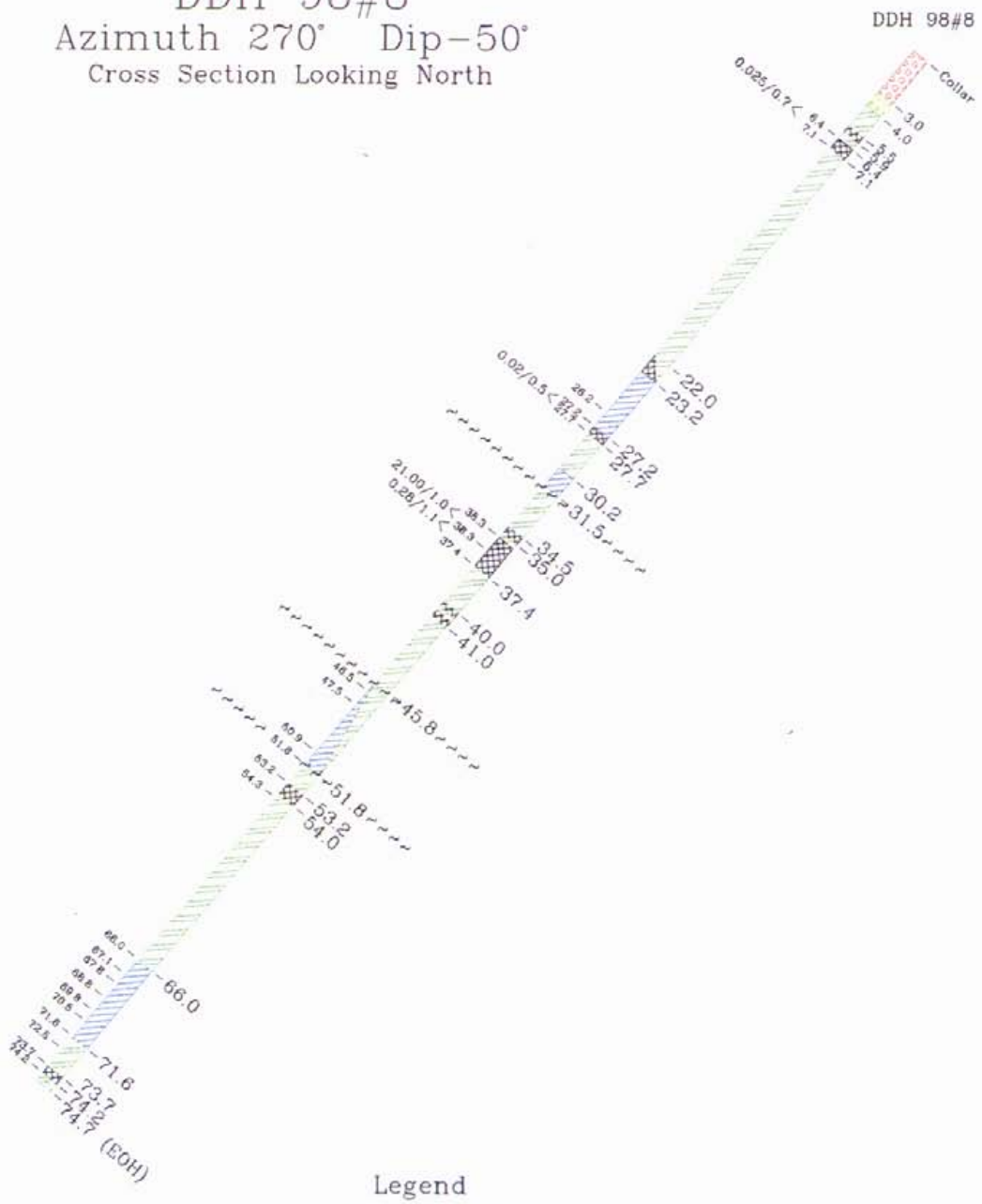
- Overburden
- Dyke
- Diorite
- Sediments
- Quartz Vein
- Silicified Diorite
- Silicified Sediment
- Flood Silicification
- Breccia
- Porphyry
- Shearing

$1.16/1.0<\frac{47.6}{48.6}$ Au (grams)/Sample length (m)
Selected assays shown. Refer to Appendix I for full assay details.

Scale:
0 5 10
Metres

ORKO GOLD CORP.		
Bonaparte Property Kamloops Mining Division DDH Cross Section		
Scale: As Shown		File: orko\ddh6_7
Date: August, 98	Source:	Fig: 9
Dwn by: wk	Coast Mountain Geological Ltd.	

DDH 98#8
Azimuth 270° Dip−50°
Cross Section Looking North



Legend

- Overburden
- Dyke
- Diorite
- Sediments
- Quartz Vein
- Silicified Diorite
- Silicified Sediment
- Flood Silicification
- Breccia
- Porphyry
- Shearing

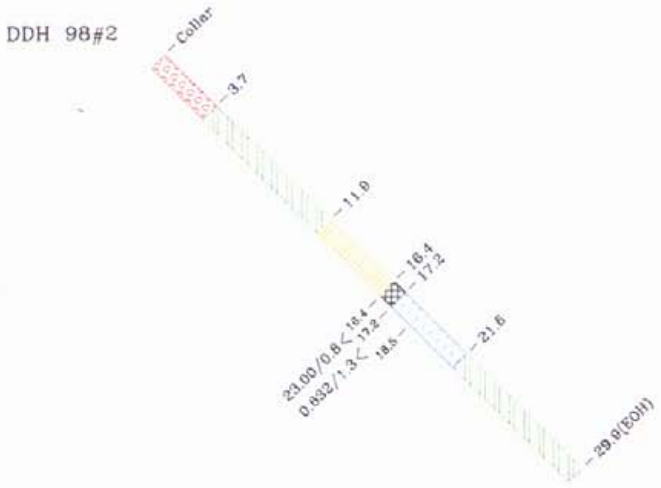
$1.16/1.0 < \frac{47.8}{48.8}$ Au (grams)/Sample length (m)

Selected assays shown. Refer to Appendix I for full assay details.

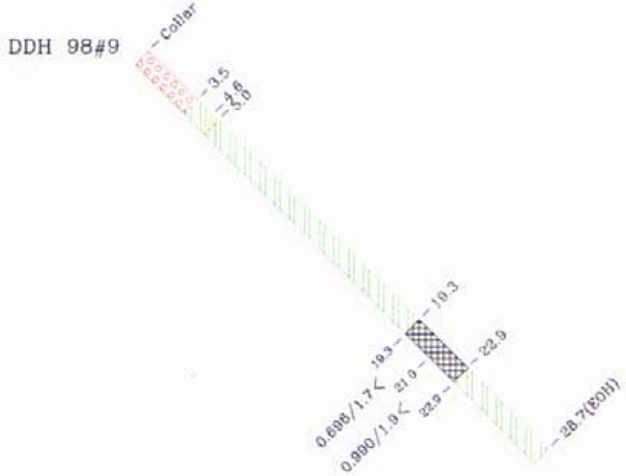
Scale:
0 5 10
Metres

ORKO GOLD CORP.		
Bonaparte Property Kamloops Mining Division DDH Cross Section		
Scale: As Shown		File: orkoddh8
Date: August, 98	Source:	Fig: 10
Dwn by: wk	Coast Mountain Geological Ltd.	

DDH 98#2
Azimuth 065° Dip−45°
Cross Section Looking Northwest



DDH 98#9
Azimuth 115° Dip−45°
Cross Section Looking Northeast



Legend

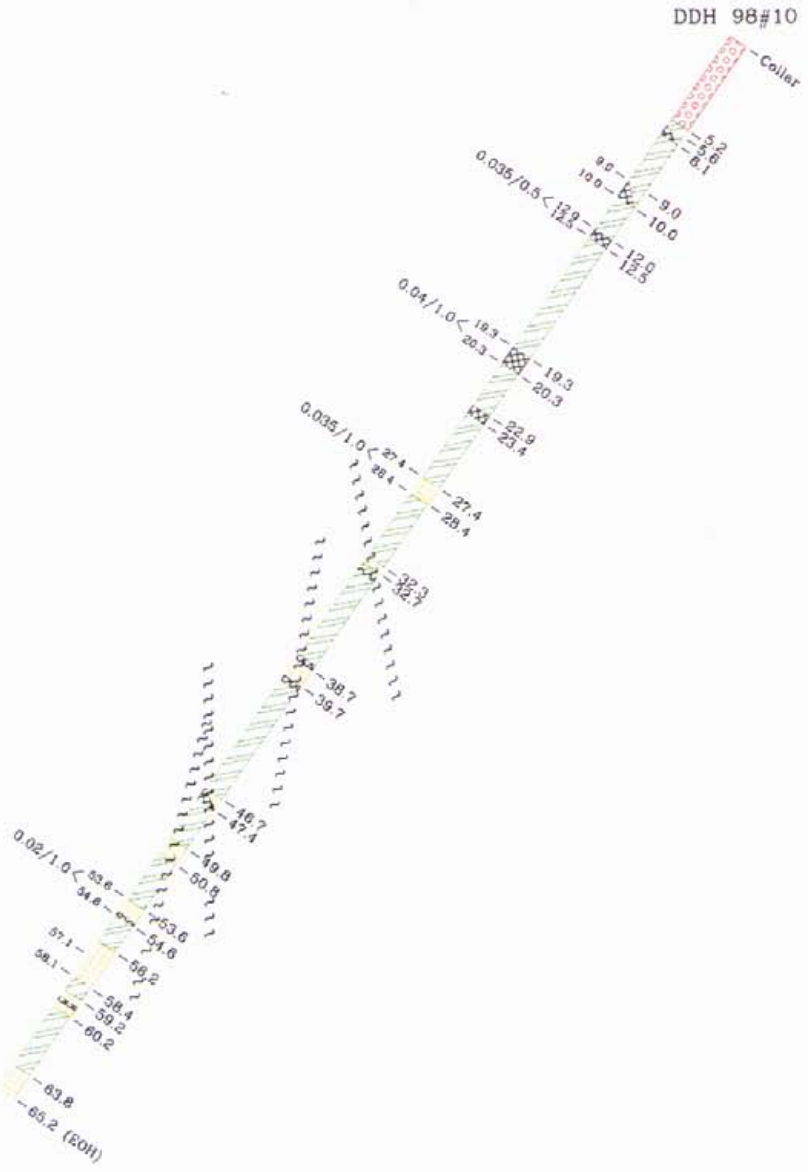
- Overburden
- Dyke
- Diorite
- Sediments
- Quartz Vein
- Silicified Diorite
- Silicified Sediment
- Flood Silicification
- Breccia
- Porphyry
- Shearing

1.16/1.0 < 47.6/48.6 Au (grams)/Sample length (m)
Selected assays shown. Refer to Appendix 1 for full assay details.

Scale:
0 5 10
Metres

ORKO GOLD CORP.		
Bonaparte Property Kamloops Mining Division DDH Cross Section		
Scale: As Shown		File: orkoddh2_9
Date: August, 98	Source:	Fig: 11
Dwn by: wk	Coast Mountain Geological Ltd.	

DDH 98#10
Azimuth 270° Dip −55°
Cross Section Looking North



Legend

- Overburden
- Dyke
- Diorite
- Sediments
- Quartz Vein
- Silicified Diorite
- Silicified Sediment
- Flood Silicification
- Breccia
- Porphyry
- Shearing

1.16/1.0< 47.6 48.6 Au (grams)/Sample length (m)

Selected assays shown. Refer to Appendix I for full assay details.

Scale:
0 5 10
Metres

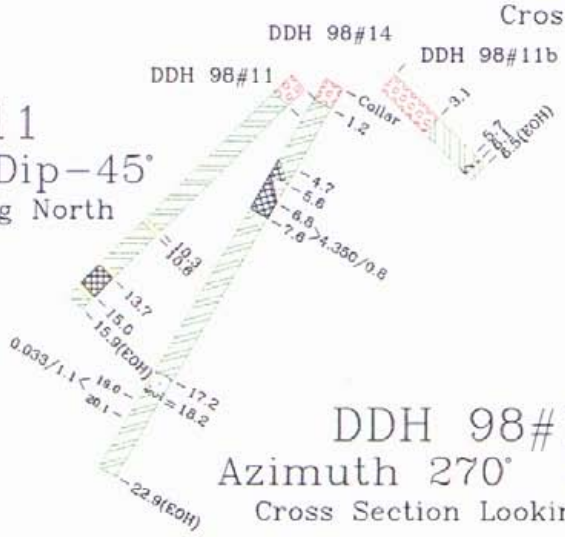
ORKO GOLD CORP.

Bonaparte Property
Kamloops Mining Division
DDH Cross Section

Scale: As Shown		File: orko\ddh10
Date: August, 98	Source:	Fig: 12
Dwn by: wk	Coast Mountain Geological Ltd.	

DDH 98#11b
Azimuth 090° Dip−45°
Cross Section Looking North

DDH 98#11
Azimuth 270° Dip−45°
Cross Section Looking North



DDH 98#14
Azimuth 270° Dip−60°
Cross Section Looking North

Legend

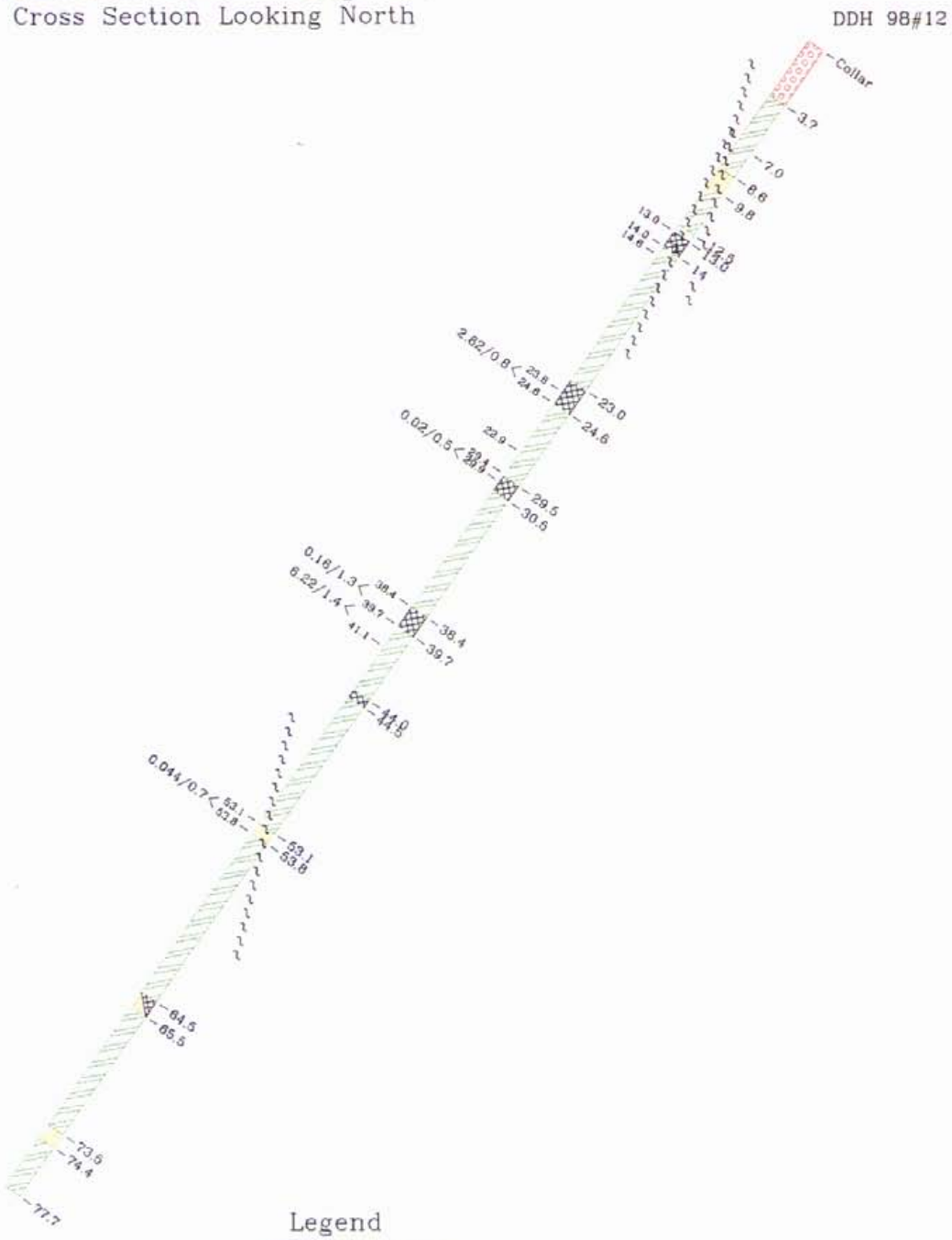
- Overburden
- Dyke
- Diorite
- Sediments
- Quartz Vein
- Silicified Diorite
- Silicified Sediment
- Flood Silicification
- Breccia
- Porphyry
- Shearing

$1.16/1.0<\frac{47.6}{48.6}$ Au (grams)/Sample length (m)
Selected assays shown. Refer to Appendix I for full assay details.

Scale:
0 5 10
Metres

ORKO GOLD CORP.		
Bonaparte Property Kamloops Mining Division DDH Cross Section		
Scale: As Shown		File: orkoAddh11_14
Date: August, 98	Source:	Fig: 13
Dwn by: wk	Coast Mountain Geological Ltd.	

DDH 98#12
Azimuth 270° Dip −55°
Cross Section Looking North



Legend

- Overburden
- Dyke
- Diorite
- Sediments
- Quartz Vein
- Silicified Diorite
- Silicified Sediment
- Flood Silicification
- Breccia
- Porphyry
- Shearing

$1.16/1.0 < \frac{47.6}{48.6}$ Au (grams)/Sample length (m)

Selected assays shown. Refer to Appendix I for full assay details.

Scale:

0 5 10

Metres

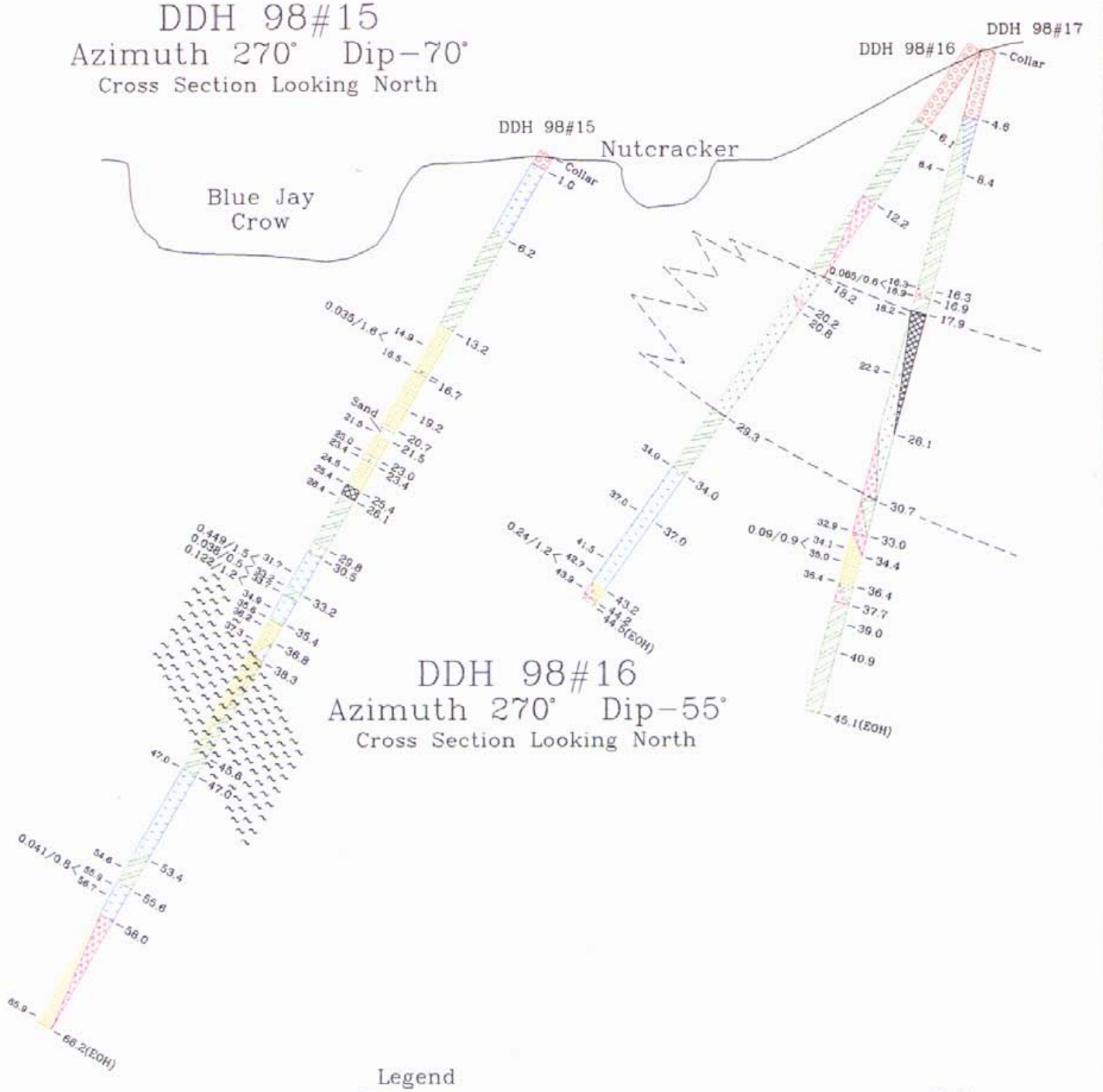
ORKO GOLD CORP.

Bonaparte Property
Kamloops Mining Division
DDH Cross Section

Scale: As Shown		File: orko\ddh12
Date: August, 98	Source:	Fig: 14
Dwn by: wk	Coast Mountain Geological Ltd.	

DDH 98#17
Azimuth 270° Dip−75°
Cross Section Looking North

DDH 98#15
Azimuth 270° Dip−70°
Cross Section Looking North



DDH 98#16
Azimuth 270° Dip−55°
Cross Section Looking North

Legend

- Overburden
- Dyke
- Diorite
- Sediments
- Quartz Vein
- Silicified Diorite
- Silicified Sediment
- Flood Silicification
- Breccia
- Porphyry
- Shearing

$1.16/1.0 < {}^{47.6}_{48.6}$ Au (grams)/Sample length (m)

Selected assays shown. Refer to Appendix 1 for full assay details.

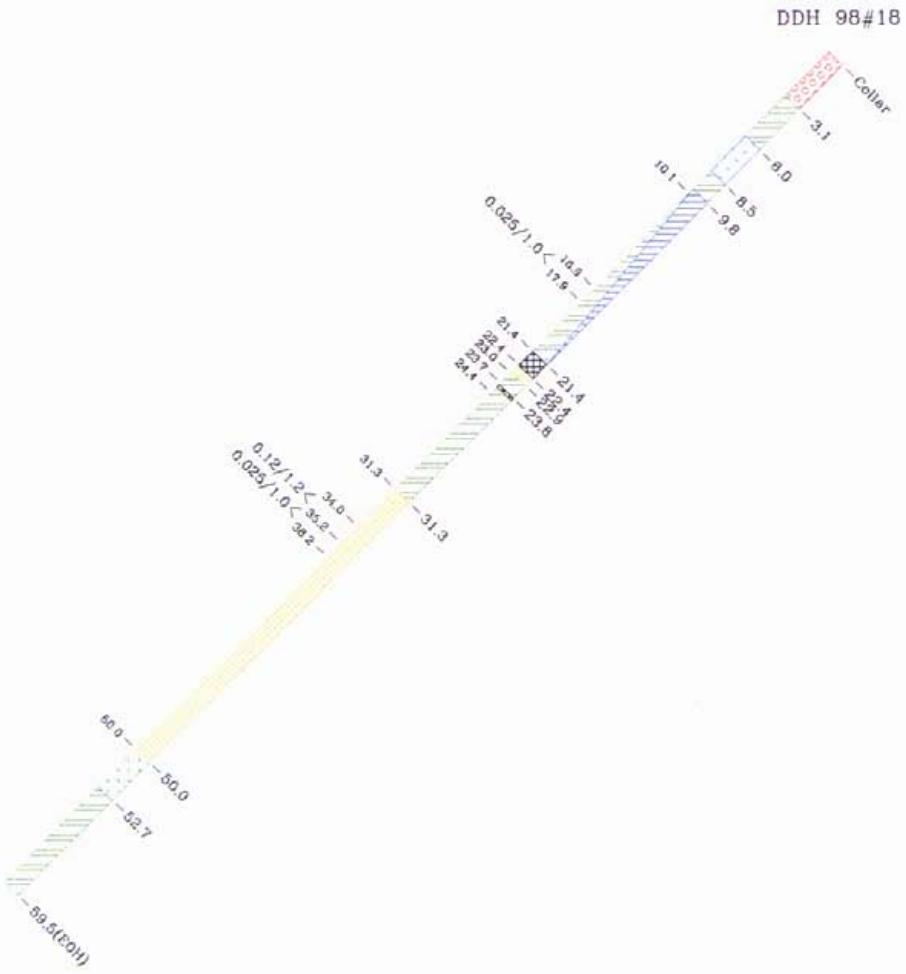
Scale:
0 5 10
Metres

ORKO GOLD CORP.		
Bonaparte Property Kamloops Mining Division DDH Cross Section		
Scale: As Shown		File: orko\ddh15_17
Date: August, 98	Source:	Fig: 15
Dwn by: wk	Coast Mountain Geological Ltd.	

DDH 98#18

Azimuth 360° Dip −45°

Cross Section Looking East



Legend

- Overburden
- Dyke
- Diorite
- Sediments
- Quartz Vein
- Silicified Diorite
- Silicified Sediment
- Flood Silicification
- Breccia
- Porphyry
- Shearing

$1.18/1.0 < {}^{47.6}_{48.6}$ Au (grams)/Sample length (m)

Selected assays shown. Refer to Appendix I for full assay details.

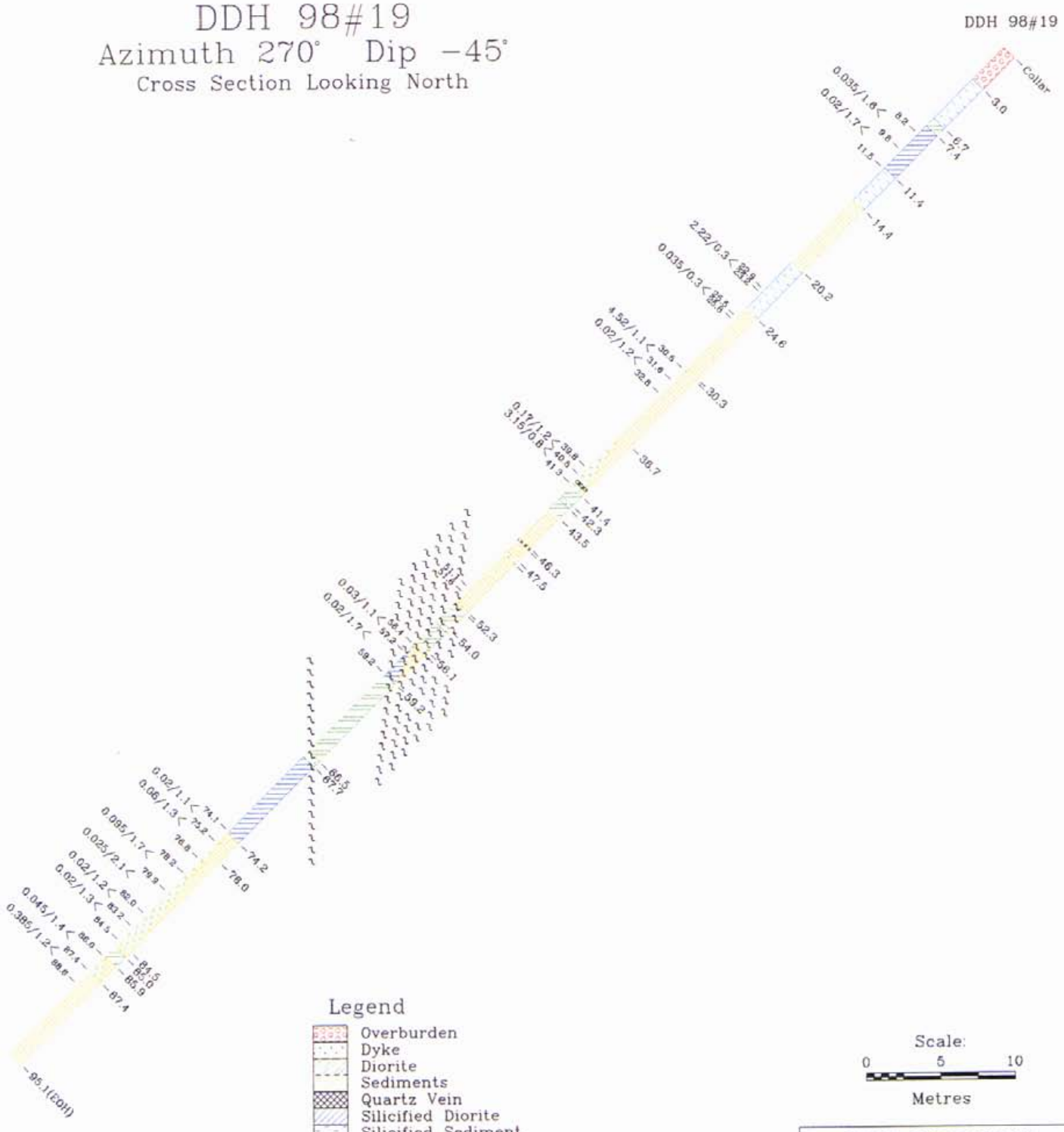
Scale:

0 5 10

Metres

ORKO GOLD CORP.		
Bonaparte Property Kamloops Mining Division DDH Cross Section		
Scale: As Shown		File: orkoddh18
Date: August, 98	Source:	Fig: 16
Dwn by: wk	Coast Mountain Geological Ltd.	

DDH 98#19
Azimuth 270° Dip −45°
Cross Section Looking North



Legend

- Overburden
- Dyke
- Diorite
- Sediments
- Quartz Vein
- Silicified Diorite
- Silicified Sediment
- Flood Silicification
- Breccia
- Porphyry
- Shearing

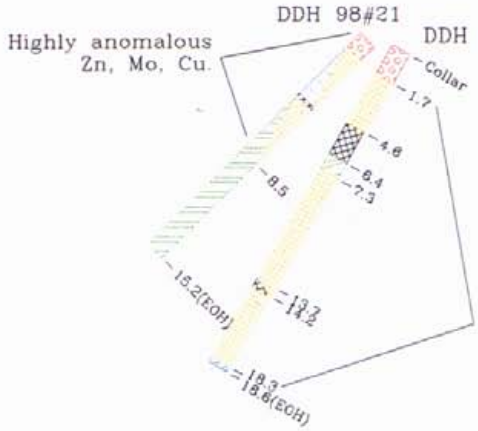
$1.16/1.0<^{47.8}_{48.6}$ Au (grams)/Sample length (m)

Selected assays shown. Refer to Appendix I for full assay details.

Scale:
0 5 10
Metres

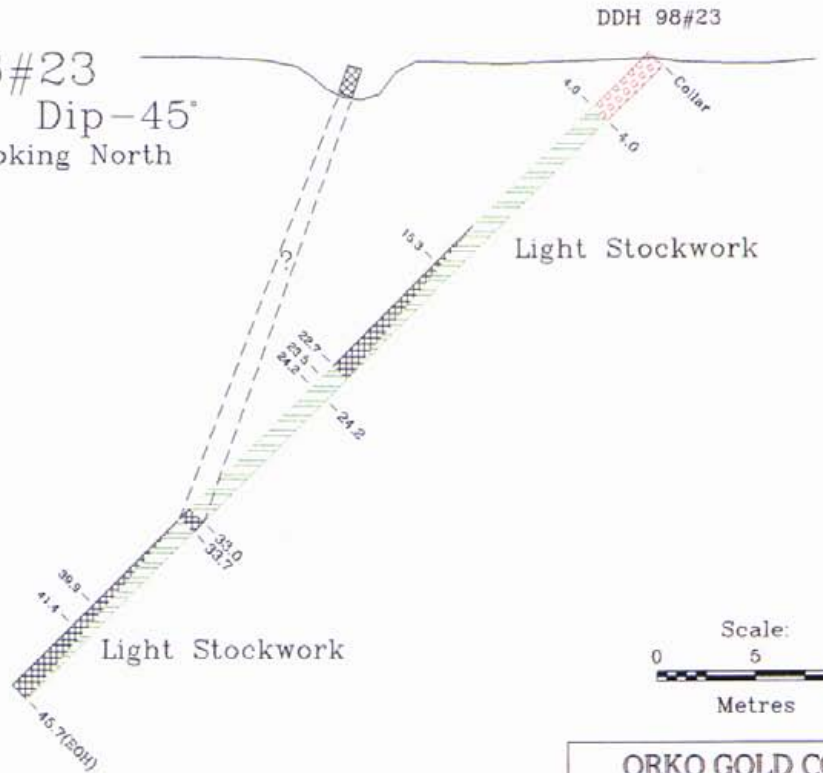
ORKO GOLD CORP.		
Bonaparte Property Kamloops Mining Division DDH Cross Section		
Scale: As Shown		File: orkoddh19
Date: August, 98	Source:	Fig: 17
Dwn by: wk	Coast Mountain Geological Ltd.	

DDH 98#21
Azimuth 270° Dip−45°
Cross Section Looking North



DDH 98#22
Azimuth 270° Dip−60°
Cross Section Looking North

DDH 98#23
Azimuth270° Dip−45°
Cross Section Looking North



Legend

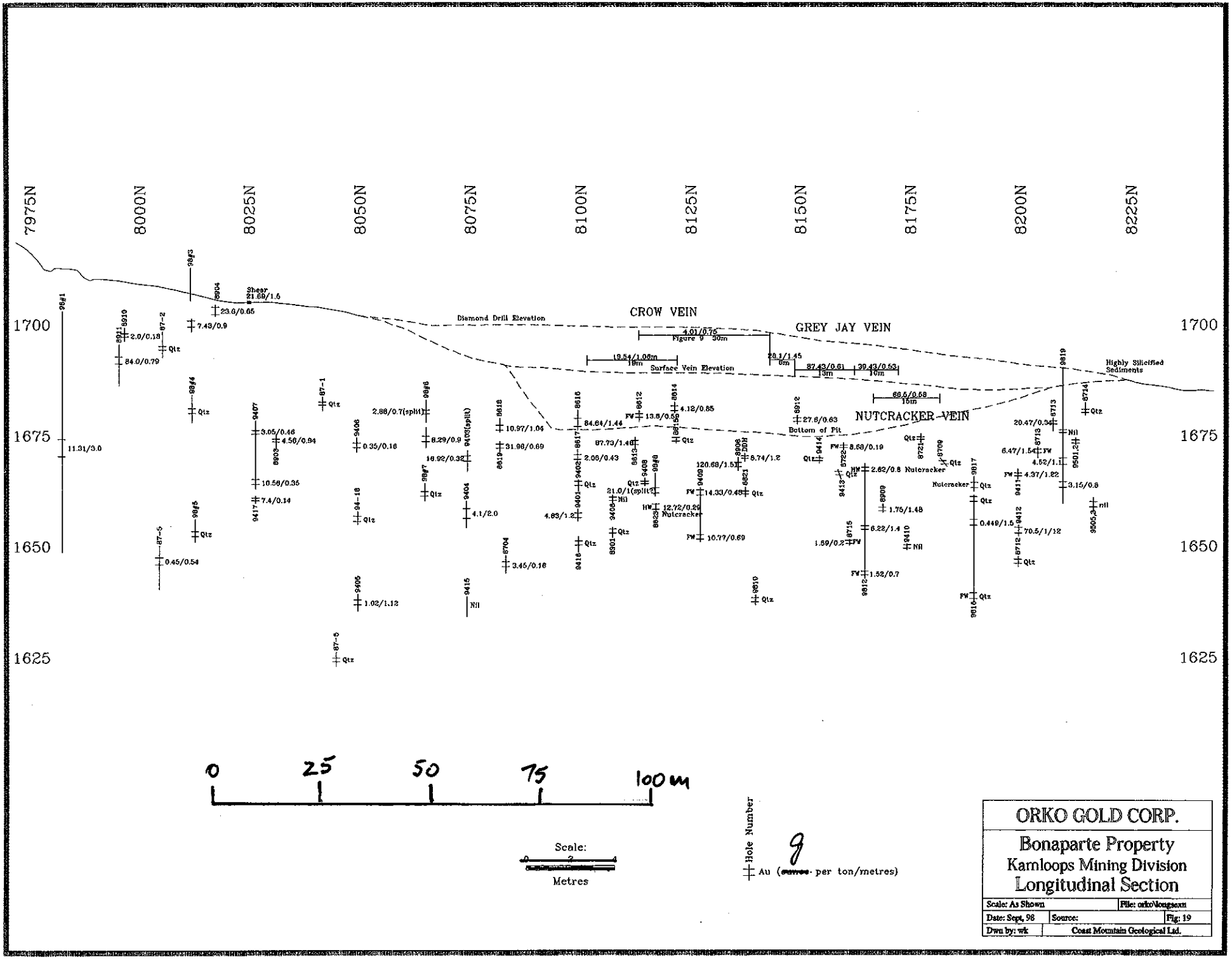
- Overburden
- Dyke
- Diorite
- Sediments
- Quartz Vein
- Silicified Diorite
- Silicified Sediment
- Flood Silicification
- Breccia
- Porphyry
- Shearing

$1.16/1.0 < \frac{47.8}{48.8}$ Au (grams)/Sample length (m)

Selected assays shown. Refer to Appendix I for full assay details.

Scale:
0 5 10
Metres

ORKO GOLD CORP.		
Bonaparte Property Kamloops Mining Division DDH Cross Section		
Scale: As Shown		File: orkoddh21_23
Date: August, 98	Source:	Fig: 18
Dwn by: wk	Coast Mountain Geological Ltd.	



ORKO GOLD CORP.		
Bonaparte Property Kamloops Mining Division Longitudinal Section		
Scale: As Shown	File: orko\longsect	
Date: Sept, 98	Source:	Fig: 19
Dwn by: wk	Coast Mountain Geological Ltd.	

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Bulletin 97

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  A. Panteleyev, P.Eng., D.G. Bailey, P.Geol., M.A. Bloodgood, P.Geol and K.D. Hancock, P.Geol.

CERTIFICATE

I, **EGIL LIVGARD**, of 1990 King Albert Avenue, Coquitlam, B.C., do hereby certify:

1. I am a Consulting Geological Engineer, practicing from #436 - 470 Granville Street, Vancouver, B.C.

2. I am a graduate of the University of British Columbia, with a B.Sc., 1960 in Geological Sciences and have regularly updated and expanded my geological knowledge through numerous short courses given by MDRU, GAC and the Chamber of Mines.

3. I am a registered member in good standing of the Association of Professional Engineers of the Province of British Columbia, Registration No. 7236.

4. I have practiced my profession as a Geological Consultant for over 25 years.

5. This report dated September 2, 1998 is based on the references as listed and work on the property from June 7 to July 14, 1998.

6. I am a Director of Orko Gold Corp. and have a stock option of 50,000 common shares of the Company.

Dated at Vancouver, British Columbia this 2nd day of September, 1998.

Egil Livgard, B.Sc., P.Eng.

APPENDIX I

Statement of Costs

STATEMENT OF COSTS

Before July 23, 1998

Diamond drilling, 1,103 m @ $77/m+, Connors, Kamloops	$ 111,663.00
Assaying, Eco-Tech & Acme Labs	6,525.00
Geology, Supervision E. Livgard, P.Eng. (36 days @ $400) and Ed Frey, Geol., (6 days @ $300)	16,200.00
Excavator - Roads, Pads, Sumps	9,495.00
Equipment rental, Vehicle, Diamond Saw	2,908.00
Surveying - Bartell & Fiedrich	2,888.00
Accommodations and meals	2,868.00
Labour - 140 hrs @ $12.50/hr	1,750.00
	$ 154,297.00

After July 23, 1998

Autocad Digitizing and Compilation Coast Mountain Geological	$ 4,622.00
Printing	250.00
Typing	200.00
Report and Map preparation, 47 hrs @ $50/hr	2,350.00
	$ 7,422.00

Total $ 161,719.00

APPENDIX II

Core Logs

PROJECT: ORKO GOLD CORP BONAPARTE PROPERTY	~~NTS~~ Map Number: 92P 1 TRIM 92P008 Mining Division: KAMLOOPS	Drilling by: CONNORS Date: July 8th 1998 Logged by: E. LIVGARD	DRILL HOLE: 98#1
COLLAR LOCATION: 4030E, 8000N	AZIMUTH: W DIP: -60°	ELEVATION: TOTAL LENGTH: 84.5	PAGE: 1 of 3

MAIN DIV. from (m)	MAIN DIV. to (m)	MINOR DIV. from (m)	MINOR DIV. to (m)	DESCRIPTION	SAMPLE NUMBER	INTERVAL from (m)	INTERVAL to (m)	ASSAYS ppb Au	ASSAYS ppm Cu	ASSAYS ppm Mo	ASSAYS ppm As
0	5.5			CASING							
5.5	11.3			DYKE VERY FINE GRAINED GREY WITH (1MM) WHITE SPECKS (FELDSPAR?) THROUGHOUT							
11.3	42.0			ALTERED SEDIMENT (?) VERY STRONG SILICIFICATION WITH 50% BROWN IRREGULAR BANDS OF BIOTITE (?) 10° TO 30° TO C - GREY SILICA WITH BLACK AND TAN SECTIONS - OCCASIONAL SERICITE. - MINOR PYRITE							
		AT	16.5	15 cm PINK FELDSPAR AND QUARTZ DYKE (?) 50° AND 0-20° TO C WITH 1% CHALCOPYRITE AND MINOR PYRITE	113727	16.5	16.7	8	499	25	58
		~~20.8~~									
		20.8	21.3	FRAGMENTED SAND TO 10 cm	113728	20.8	21.3	35	571	33	2657
		AT	20.8	2 cm MUD 30° TO C SOME PINK FELDSPAR AS ABOVE							

MAIN DIV. from (m)	MAIN DIV. to (m)	MINOR DIV. from (m)	MINOR DIV. to (m)	DESCRIPTION	SAMPLE NUMBER	INTERVAL from (m)	INTERVAL to (m)	ppb Au	ppm Cu	ppm Mo	ppm As	
		24.6	24.7	PINK FELDSPAR AS ABOVE								
		31.5	31.9	" " " "								
				SOME QUARTZ AND EPIDOTE AROUND THE FELDSPAR FRAGMENTS (?)								
		34.0	37.0	FRAGMENTED 2-10 CM								
		36.3	36.9	" 1/4-3 CM								
42.0	44.6			DIORITE - MEDIUM GRAINED PORPHYRITIC - CONTACT IRREGULAR BUT ABRUPT. FRACTURING 10°, 40°, 50° & C INCREASING SILICIFICATION TO 44.6.								
		44.1	44.3	QUARTZ STRINGER								
44.6	51.2			QUARTZ VEINS	113729	44.1	44.6	13	229	2	9	
		44.6	47.6	MASSIVE QUARTZ UPPER	30	44.6	46.6	.74oz	764	2	23	22g
				CONTACT 50° to C LOWER	31	46.6	47.6	881	96	3	6	
				CONTACT APPEARS TO BE 70-80°	32	47.6	48.6	.48oz	271	8	19	1.46g
				-PYRITE 1½% - CHALCOPYRITE ½%	33	48.6	49.4	461	12	2	22	
		47.6	48.7	FRAGMENTED 1/4-5 CM - 50% QUARTZ	34	49.4	51.2	19	118	4	4	
		48.7		50% SILICA.	35	51.2	52.3	8	87	6	<2	
		48.7	49.4	MASSIVE QUARTZ VEIN WITH LITTLE VISIBLE SULPHIDES.	36	52.3	53.0	3	53	1	3	
		49.4	50.9	FRAGMENTED 1/4-4 CM	Av 4.0 m	44.6	48.6	11.3	2g			
				10% QUARTZ - 90% SILICA								
		50.9	51.2	QUARTZ VEIN - LITTLE SULPHIDES								
51.2	52.3			DIORITE FINE GRAINED LIGHT SILICIFICATION								
		52.0	52.3	20% QUARTZ FRAGMENTS - NO SULPHIDES								

GB# 1 PAGE 3

MAIN DIV. from (m)	MAIN DIV. to (m)	MINOR DIV. from (m)	MINOR DIV. to (m)	DESCRIPTION	SAMPLE NUMBER	INTERVAL from (m)	INTERVAL to (m)	ASSAYS
52.3	53.0			BRECCIATED DIORITE				
				FINE GRAINED.				
				30% GROUNDMASS WITH				
				10-15% PYRITE - FRAGMENTS				
				60% DIORITE, 10% QUARTZ				
53.0	71.5			DIORITE MEDIUM TO FINE				
				GRAINED - WELL FRACTURED				
				INCREASINGLY LIGHT -				
				OCCASIONAL QUARTZ STRINGERS				
				1-2 cm 20° to C.				
		60.6	60.8	WHITE FELDSPAR AND QUARTZ				
				1-2 cm 42° to C.				
		61.1	61.4	AS ABOVE - LIGHT GREEN OF				
				FRACTURE SURFACES				
				- LIGHTER SECTIONS HAVE				
				MORE QUARTZ STRINGERS				
				- VERY LITTLE PYRITE.				
				OCCASIONAL DENSE FRACTURING				
				35°, 48°, 45° to C				
		67.0	71.5	WEAK FOLIATION 70-75° to C				
				CHANGING TO 45° THEN 60° to C.				
71.5	72.1			FAULT ZONE - MUD AND SAND				
				70° to C.				
72.1	84.5			DYKE - APHANITIC BLUE GREY				
				GROUNDMASS WITH 1-2 mm				
END				BIOTITE 20% - SUB ROUNDED				
				BLURRED LIGHT FELDSPAR				
				TO 6 MM				

PROJECT: ORKO GOLD CORP BONAPART GOLD	NTS Map Number: 92 P/1 TRIM 92 P.098 Mining Division: KAMLOOPS	Drilling by: CONNORS Date: Logged by: E. LIVGARD	DRILL HOLE: 98 #2
COLLAR LOCATION:	AZIMUTH: 65° DIP: -45°	ELEVATION: TOTAL LENGTH: 29.9	PAGE: 1 of 2

MAIN DIV. from (m)	MAIN DIV. to (m)	MINOR DIV. from (m)	MINOR DIV. to (m)	DESCRIPTION	SAMPLE NUMBER	INTERVAL from (m)	INTERVAL to (m)	ASSAYS ppb Au	ASSAYS ppm Cu	ASSAYS ppm Mo	ASSAYS ppm Ag
0	3.7			CASING							
3.7	11.9			DIORITE - MEDIUM GRAINED							
				MINOR PHENOCRYSTS							
		5.3	5.7	FRAGMENTED SAND TO 2 cm							
				MINOR MUD - MINOR OXIDATION							
		6.8	10.1	PARTLY STRONGLY FRAGMENTED							
		6.8	7.9	MUCH FRACTURING 0-10° to C.							
				CHLORITE ALTERATION - SAND							
		8.5	10.1	SILICIFIED (70%) MINOR HORNFELS INCLUDED.							
11.9	16.4			ABRUPT CHANGE TO STRONG	111 486	11.9	12.5	<1	190	28	5
				SILICIFICATION + 15% QUARTZ	87	12.5	13.6	3	134	119	<2
				10% PINK FELDSPAR AND	88	13.6	14.7	<1	129	63	3
				BROWN IRREGULAR BANDS OF	89	14.7	16.4	16	145	22	7
				BIOTITE. 2% PYRITE AND	90	16.4	17.2	671 oz	3617	12	5
				1% CHALCOPYRITE.	91	17.2	18.5	637	126	84	5
				- PROBABLE SEDIMENT -	92	18.5	20.2	26	91	24	10
16.4	16.8			QUARTZ VEIN - 3% CHALCOPYRITE	93	20.2	21.6	5	116	27	47
				MINOR PYRITE							
16.8	17.05			SILICA - AND BROWN BANDS - BIOTITE, CHALCOPYRITE							
17.05	17.20			QUARTZ VEIN 2% CHALCOPYRITE, 5% PYRITE.							

2.58

TB #2 PAGE 2

MAIN DIV. from (m)	MAIN DIV. to (m)	MINOR DIV. from (m)	MINOR DIV. to (m)	DESCRIPTION	SAMPLE NUMBER	INTERVAL from (m)	INTERVAL to (m)	ASSAYS
17.2	21.6			SILICA AND BLACK HORNBLS AND BROWN BIOTITE. WEAK FOLIATION 80° to C GRADUALLY CHANGING THROUGH 45° to 0 TO 10° to C. - SEDIMENT -				
21.6	29.9			DIORITE MEDIUM TO COARSE GRAINED - PORPHYRITIC				
		21.6	22.7	WEAK SILICIFICATION.				
				END				

PROJECT: ORKO GOLD CORP BONAPART GOLD MINE	NTS Map Number: 92P/1 TRIM 92P008 Mining Division: KAMLOOPS	Drilling by: CONNORS Date: JUNE 15th/98 Logged by: E. LIVGARD	DRILL HOLE: #98-3
COLLAR LOCATION: 4004E, 8025N	AZIMUTH: W DIP: -45°	ELEVATION: 1695 TOTAL LENGTH: 33.5	PAGE: 1 OF 3

MAIN DIV.		MINOR DIV.		DESCRIPTION	SAMPLE NUMBER	INTERVAL		ASSAYS (Au ppb, As ppm)				
from (m)	to (m)	from (m)	to (m)			from (m)	to (m)	ppb	As	Cu	Mo	
0	2.7			CASING								
2.7	9.2			QUARTZ DIORITE - FINE TO MEDIUM GRAINED WITH SOME COARSE GRAINED FELDSPAR PHENOCRYSTS INCRESINGLY PORPHYRITIC TO 9.2 ~~50m~~								
		5.8	6.2	FRAGMENTED 0.5 TO 4 CM FINE GRAINED PYRITE DISSEMINATED 1-1%, SOME FRACTURE SURFACES COATED WITH PYRITE A FEW BROWN FLECKS - LEUCOSSENE (?)								
		7.6	9.2	QUITE BROKEN CORE 1 TO 12cm								
		8.1	9.1	SEVERAL SEAMS CONSISTING OF FRAGMENTS (0.1 TO 1 cm) 80% ENCASED IN MUD 20%. THE MUD SEAMS ARE PARALLEL TO AND IRREGULARLY PERPENDICULAR TO C SEAMS AR 0.5 TO 5cm THICK.	111301	8.1	9.1	5	10	155	2	610

II 98-5 PAGE 2

MAIN DIV. from (m)	MAIN DIV. to (m)	MINOR DIV. from (m)	MINOR DIV. to (m)	DESCRIPTION	SAMPLE NUMBER	INTERVAL from (m)	INTERVAL to (m)	ASSAYS Au ppb	ASSAYS As	ASSAYS Cu ppm	ASSAYS Mo ppm	P
		8.1	9.1	CONT								
				LAST 20-25cm ALTERED CORE SOFT FRIABLE - SOME YELLOW BROWN OXIDE.								
9.2	9.5			QUARTZ DIORITE - PORPHYRITIC	111302	9.1	9.5	5	35	2293	5	30
		9.2	9.3	QUARTZ FRAGMENTS								
9.5	10.4			QUARTZ VEIN PARTLY FRACTURED. CHALCOPYRITE 1% AND PYRITE 0.5% MAINLY ALONG FRACTURES ALSO DISSEMINATED - A FEW MINUTE CAVITIES WITH SULPHIDES AND A COATING OF BLACK POWDERY? MINERAL (MnO?) - SOME FRAGMENT SURFACES HAVE A COATING (AND THICKER) OF SILVERY WHITE SULPHIDE WITH OCCASIONAL RED TINGE - PROBABLY ARSENOPYRITE - OTHER FRAGMENT SURFACES HAVE COATING OF REDDISH BROWN AND YELLOWISH BROWN - PROBABLY SCORODITE.	111303	9.5	10.4	.217oz/T 7.45g/T	20	166	<1	1170
10.4	33.5			PORPHYRY. GROUNDMASS APPEARS DARK CONSISTS OF LIGHT BLUISH								

#98 -> PAGE 3

MAIN DIV. from (m)	MAIN DIV. to (m)	MINOR DIV. from (m)	MINOR DIV. to (m)	DESCRIPTION	SAMPLE NUMBER	INTERVAL from (m)	INTERVAL to (m)	ppb Au	ppm ASSAYS As	Cu	Mo	
10.4	33.5			~~QUARTZ~~ CONT. QUARTZ AND FELDSPAR - 80% AND MAFIC MINERAL (NEEDLE LIKE OR PLATES) 20% - ALMOST A GRAPHIC LOOK - VERY FINE GRAINED. PHENOCRYSTS ARE WHITE MOSTLY 1 TO 2 MM BUT UP TO 5 MM - MOSTLY FELDSPAR BUT SOME HAVE A GLASSY QUARTZ CENTRE RIMMED BY WHITE FELDSPAR VERY FINE GRAINED PYRITE IS DISSEMINATED THROUGHOUT. - 1/2%.								
END												
		15.0	16.8	BRECCIATED PORPHYRY FRAGMENTS FROM MM TO 5 CM								
		AT	20.1	3 CM WIDE FRAGMENTS AND MM SEAM.								
		20.1	20.5	SHEAR FOLIATION 40° TO C	111304	20.0	21.4	5	<5	168	5	630
		20.5	22.8	OCCASIONAL MINOR SHEAR FOLIATION - SOME LIGHTER SILICIFIED ZONES.								
		AT	29.6	10 CM WIDE BRECCIA								
		AT	30.2	1-2 CM MM SEAM 40° TO C								
				GENERAL FRACTURING AT 30°, 45° AND 60° TO CORE THROUGHOUT.								

PROJECT: ORKO GOLD CORP. BONAPARTE GOLD MINE	NTS Map Number: 92P1 TRIM 92P.068 Mining Division: KAMLOOPS	Drilling by: CONNORS Date: JUNE 16th/98 Logged by: E. LIVGARD	DRILL HOLE: #98-4
COLLAR LOCATION: 4006E - 8025N	AZIMUTH: DIP: -90°	ELEVATION: 1695 TOTAL LENGTH: 45.7	PAGE: 1 of 3

MAIN DIV. from (m)	MAIN DIV. to (m)	MINOR DIV. from (m)	MINOR DIV. to (m)	DESCRIPTION	SAMPLE NUMBER	INTERVAL from (m)	INTERVAL to (m)	ASSAYS
0	.9			CASING				
.9	45.7			QUARTZ DIORITE (PARTLY PORPHYRITIC/~~FRACTURED~~ ~~SILT~~ FINE TO MEDIUM GRAINED WITH 5-10% COARSE FELDSPAR PHENOCRYSTS. FRACTURING 5-15° TO C MINOR QUARTZ STRINGERS 1/2-1 cm WIDE WITH MINOR IRREGULARLY 10° & 80° TO C				
		4.6	4.8	QUARTZ FELDSPAR MUSCOVITE (CHLORITE?) DYKE.				
		8.5	8.8	10% QUARTZ STRINGERS AND BLEBS WITH PYRITE 30° TO C				
		13.9	15.3	WEAK SHEAR FOLIATION 40° TO C QUARTZ STRINGERS 1 TO 2 cm AT 15-30°, 40°, 60° TO C - MINOR BLEACH - SAND				
		26.2	27.4	LIGHTER DIORITE CRISS CROSSING QUARTZ STRINGERS (5%) 10°, 45, 60° TO C MINOR MUSCOVITE - BROWN MINERAL 1-2% PYRITE.				

MAIN DIV. from (m)	MAIN DIV. to (m)	MINOR DIV. from (m)	MINOR DIV. to (m)	DESCRIPTION	SAMPLE NUMBER	INTERVAL from (m)	INTERVAL to (m)	Au ppb	Ag	Cu	Mo ppm	
0.9	45.7			CONTI.								
		27.8	28.3	MINOR SHEARING FOLIATION 50° TO C								
				BROWN MINERAL 15%								
		30.0	30.5	LIGHT (LESS MAFIC) FILLED								
				FRACTURES 0 TO 10° TO C								
				WITH QUARTZ CHLORITE AND								
				BROWN MINERAL - MINOR PYRITE								
		32.4	33.5	FRAGMENTS 1/4 TO 10 CM SOME	111305	32.4	33.5	5	5	108	>	680
				BLEACHING - CHLORITE - TALC ON								
				0° TO C MOVEMENT SURFACE								
				3% PYRITE MINOR BORNITE								
				10% QUARTZ								
		33.5	34.7	AS ABOVE	111306	33.5	34.7	5	10	94	5	680
		37.2	37.8	BRECCIATED QUARTZ DIORITE								
				- SEALED, LIGHTER AND								
				DARKER FRAGMENTS AND								
				10% QUARTZ FRAGMENTS								
				2-3mm FRACTURES WITH MICRO								
				BRECCIA.								
		39.0	39.4	FRAGMENTED 0.1 TO 10 cm								
				CHLORETIZED								
		39.4	39.6	QUARTZ FRAGMENTS 0.5-4 cm								
				BARREN								
		39.6	40.6	FRACTURING PARALLEL TO								
				CORE AND 65° TO C								
		AT	40.6	LEACHING SANDY								
		40.6	40.8	QUARTZ FRAGMENTS - BARREN								

#78-4 PAGE 3

MAIN DIV. from (m)	MAIN DIV. to (m)	MINOR DIV. from (m)	MINOR DIV. to (m)	DESCRIPTION	SAMPLE NUMBER	INTERVAL from (m)	INTERVAL to (m)	ASSAYS
0.9	45.7	~~#~~		CONT				
		40.8	41.5	FRACTURING PARALLEL TO C 1-4 MM WIDE WITH PYRITE QUARTZ STRINGERS 1 TO 2 CM AT 45°, 65° TO C				
		41.5	43.0	LIGHT - CRISS-CROSSING QUARTZ STRINGERS (10%) 1/4 TO 1 CM WIDE				
		44.6	44.9	QUARTZ FRAGMENTS MINOR CHLORITE - BARREN				
END								

ORKO GOLD CORPORATION
BONAPARTE GOLD PROPERTY

DH 98-5

CO-ORDS.: 1998 Grid 8025N / 4025E

AZIMUTH: n/a

DIP: -90°

ELEVATION: 1695 m

LENGTH: 70.1 m

PURPOSE: vein test

DRILL TYPE & SIZE: track-mounted / HQ core

DIP TEST: none

SAMPLES: 111307 - 111322

DATE STARTED: June 1998

DATE COMPLETED: June 1998

LOGGED BY: E.D. Frey

DATE LOGGED: 20 - 21 June 1998

0 - 1.5 overburden, casing

1.5 - 52.8 DIORITE PORPHYRY matrix: very fine grained to fine grained, grey-white-black; 60-70% subhedral to euhedral plagioclase & 30-40% hornblende> biotite; hornblende to 3 mm, commonly clustered; biotite fine grained, interstitial; phenocrysts: 5-10%, coarse grained to 1 cm, equant to subhedral (~10x4 mm) plagioclase, some albite twinned, few zoned with white rims; coarse phenocrysts are a small portion of a continuum; very fine grained to fine grained pyrite, disseminated and strings to 1% common in part; few very fine grained, black mafic volcanic(?) fragments, angular, 1-2 cm; matrix QUARTZ DIORITE in part, sparse vfg grey quartz eyes; SILICIFICATION is pervasive, the more intense sections (noted) obscure or obliterate the intrusive textures; thin clear to grey quartz seams to 3 mm common, few to 1 cm, all core angles (c/a); thin white calcite commonly coats fractures.

1.5 - 2.2 finely broken core, in part

6.3 - 6.5 QUARTZ VEIN(?); SILICEOUS ZONE - very fine grained, recrystallized; 20° c/a, 3 cm

10.3 - 10.9 SILICIFICATION - very fine grained - aphanitic; mottled pale green-grey; and thin seams and patches clear-grey quartz, cut by 1 cm white quartz

SAMPLE 111307 10.0 - 11.0 5ppb Au

11.3 - 11.6 SAND SEAM - light brown, weakly oxidized; lower contact sharp 70° c/a

12.1 - 12.5 BROKEN CORE - chlorite seams, low c/a

12.5 - 13.2 SILICIFICATION - pale, as 10.3; 1 cm gouge, 20° c/a

SAMPLE 111308 12.6 - 13.6 10 ppb Au

13.5 - 13.7 SILICIFICATION - as 10.3

14.6 - 15.5 QUARTZ VEINS(?) - 5% clear quartz; 90° c/a

16.9 -17.0 SILICIFICATION - pale, as 10.3

SAMPLE 111309 16.8 - 17.2 5 ppb Au

23.6 XENOLITHS - 1 bleached & 1 dark grey-green (volcanic?); 2x5 cm, sub-rounded

28.6 - 29.1 XENOLITHS - few coarse, as 23.6

31.8 - 33.0 minor flat clay seams; broken core

33.6 -34.0 SILICIFICATION - pale green-grey; as 10.3

SAMPLE 111310 32.8 - 33.8 5 ppb Au

39.1 - 40.3 SILICIFICATION - upper contact 30° c/a; pale grey-green; as 10.3; broken core, rare white quartz

SAMPLE 111311 39.1 - 40.0 10 ppb Au 59 ppm Cu 9 ppm Mo

40.5 - 43.3 SILICIFICATION - pale-dark grey, aphanitic

SAMPLE 111312 40.0 - 40.8 10 ppb Au 125 ppm Cu 7 ppm Mo

43.3 - 43.8 SILICIFICATION - two seams, 4 cm wide; 25° c/a; 5 mm white core, pale grey-dark grey-green borders; 1-2% very fine grained pyrite clots to 3 mm

SAMPLE 111313 43.3 - 43.8 10 ppb Au 52 ppm Cu 4 ppm Mo

44.2 - 45.7 coarse to finely broken core

45.4 - 45.6 grey-green gouge and finely broken white quartz

SAMPLE 111314 44.7 - 45.7 10 ppb Au 79 ppm Cu 41 ppm Mo

47.6 - 48.2 QUARTZ VEIN - white, finely broken; fine grained, recrystallized; rare fine grained, twinned arsenopyrite crystal

SAMPLE 111315 47.6 - 48.2 85 ppb Au 28 ppm Cu 2ppm Mo

49.3 - 49.5 SILICIFICATION - 2 cm wide, 15° c/a; thin white core, pale grey border

50.0 - 50.9 coarsely broken core; +/- chlorite-actinolite-calcite on fractures

51.3 - 52.8 SILICIFICATION - >70% diorite texture obscured; also silicification alteration seams; 1-3% fine grained disseminated pyrite and minor chalcopyrite

51.7 - 51.9 white QUARTZ VEIN, fine grained, recrystallized; broken core

SAMPLE	111316	51.3 - 52.3	30 ppb Au	228 ppm Cu	16 ppm Mo
SAMPLE	111317	52.3 - 52.8	5 ppb Au	48 ppm Cu	103 ppm Mo

52.8 - ~ 57.0 DIORITE - grey, fine grained to coarse grained; and as described @ 1.5 m; rare megacryst =/> 1cm

53.5 - 53.7 SILICIFICATION - 1 cm wide, 20° c/a; very fine grained, white-grey; few chlorite clots

54.2 patchy SILICIFICATION; 4 cm wide

54.9 - 55.6 QUARTZ VEIN - very fine grained, grey; 1 cm wide, 50° c/a; very fine grained to fine grained pyrite, 1-3% disseminated within vein and along contact

55.6 - 55.8 QUARTZ VEIN - white, massive; very fine grained to fine grained, recrystallized; 60° c/a upper contact; few chlorite seams; rare pyrite specks

SAMPLE	111318	54.9 - 55.8	5 ppb Au	79 ppm Cu	109 ppm Mo

56.2 - 56.3 GOUGE - grey, in finely broken core

SAMPLE	111319	56.2 - 56.7	10 ppb Au	43 ppm Cu	9 ppm Mo

56.7 GOUGE - 5 cm wide, sharp 65° c/a lower contact

~57.0 - 63.7 DIORITE PORPHYRY - as @ 1.5 m

58.8 - 58.9 SILICIFICATION - grey, diffuse

59.2 - 59.3 SILICIFICATION - weak, grey, 20° c/a

60.1 BRECCIA - 2-4 cm wide, 90° c/a, wavy contacts; quartz/calcite healed breccia, flattened diorite(?) fragments to 12x3 mm

60.7 - 60.8 MAFIC DIKE - 6-8 cm wide, 60° c/a; fine grained 90% black mafic, weakly magnetic; fine grained plagioclase; dike cuts porphyry (2 cm wide bleached contacts) and is cut by siliceous alteration seam(<1 cm wide)

61.1 - 61.2 SILICIFICATION - grey, partly broken; 40° c/a lower contact

61.5 - 61.6 SILICIFICATION - weak, light grey bleaching of the porphyry; 60° c/a upper contact

61.7 SILICIFICATION - as 61.5; 1 cm wide, 90° c/a

SAMPLE 111320 60.1 - 60.8 5 ppb Au 44 ppm Cu 19 ppm Mo

61.9 - 62.2 SILICIFICATION - as 61.5; weak to strong; 90° c/a; few patches grey quartz, 1-4 cm wide

62.3 GOUGE - grey, 3 mm wide, 45° c/a

62.5 - 62.7 SILICIFICATION - light grey; porphyry texture preserved

63.3 SILICIFICATION - dark grey; 7 cm wide, 75° c/a

63.6 - 63.7 QUARTZ FLOODING - grey-white, streaky

63.7 - ~65.0 DIORITE - very crowded feldspar phyric, euhedral to subhedral, to 3 mm, rare to 5 mm; fine grained to medium grained interstitial biotite-hornblende; and as described @ 1.5 m; coarsely broken in part; few quartz clots/thin seams; sparse, very fine grained disseminated pyrite

~65.0 - 68.5 DIORITE PORPHYRY - light-dark grey, speckled appearance; crowded plagioclase phyric; and as @ 1.5 m

67.3 - 67.5 QUARTZ VEIN - white, sharp contacts, 80° c/a; rare pyrite and feathered chlorite to 5 mm

SAMPLE 111321 67.0 - 67.5 5 ppb Au 57 ppm Cu 10 ppm Mo

67.8 rare mafic xenolith, 5x4 cm

68.5 - 70.1 QUARTZ DIORITE-DIORITE PORPHYRY - to 10% quartz eyes to 3 mm, anhedral, grey; and as @ 1.5 m

68.5 - 68.7 QUARTZ FLOODING - seams to 2 cm wide, 30° c/a

69.2 - 70.1 broken core, numerous flat (0° c/a) talc-chlorite seams +/- minor quartz; rare pyrite

SAMPLE 111322 69.1 - 70.1 5 ppb Au 124 ppm Cu 6 ppm Mo

70.1 END OF HOLE

ORKO GOLD CORPORATION
BONAPARTE GOLD PROPERTY

DH 98-6

CO-ORDS.: 1998 Grid 8075N / 4025E

AZIMUTH: 270°

DIP: -53°

ELEVATION: 1691 m

LENGTH: 97.5 m

PURPOSE: vein test

DRILL TYPE & SIZE: track-mounted / HQ core

DIP TEST: none

SAMPLES: 111323 - 111334

DATE STARTED: June 1998

DATE COMPLETED: 22 June 1998

LOGGED BY: E.D. Frey

DATE LOGGED: 22 - 23 June 1998

0 - 3.0 overburden, casing

3.0 - 51.1 DIORITE PORPHYRY matrix: very fine grained to fine grained, grey-white-black; 60-70% subhedral to euhedral plagioclase & 30-40% hornblende>biotite; hornblende to 3 mm, commonly clustered; biotite fine grained, interstitial; phenocrysts: 5-10%, coarse grained to 1 cm, equant to subhedral (~10x4 mm) plagioclase, some albite twinned, few zoned with white rims; coarse phenocrysts are a small portion of a continuum; very fine grained to fine grained pyrite, disseminated and strings to 1% common in part; few very fine grained, black mafic volcanic(?) fragments, angular, 1-2 cm; matrix QUARTZ DIORITE in part, sparse vfg grey quartz eyes; SILICIFICATION is pervasive, the more intense sections (noted) obscure or obliterate the intrusive textures; thin clear to grey quartz seams to 3 mm common, few to 1 cm, all core angles (c/a); thin white calcite commonly coats fractures.

7.5 - 8.0 SILICIFICATION - pale grey-very pale green, diorite texture preserved

8.6 - 8.7 GOUGE - grey, broken core

9.2 - 9.3 QUARTZ VEIN - broken core; rare pyrite, pinhead to 3 mm

10.2 - 10.3 GOUGE - dark grey, chlorite and carbonate

13.4 - 13.9 SILICIFICATION - light grey, 10% diorite texture preserved; cut by few thin quartz seams with to 5% disseminated pyrite clots and strings

SAMPLE 111323 13.4 - 13.9 5 ppb Au

14.2 - 14.3 QUARTZ VEIN - 1 cm wide, 20° c/a; 3% very fine grained pyrite, disseminated and clots

19.7 - 21.7 SILICIFICATION - <30% diorite texture preserved; contains patchy to zoned veins, grey-pale grey, +/- very fine grained brown biotite

SAMPLE 111324 19.7 - 20.7 5 ppb Au

SAMPLE 111325 20.7 - 21.7 5 ppb Au

21.7 - 22.3 QUARTZ VEIN - white, fine grained recrystallized; few seams, diffuse patches grey, very fine grained molybdenite(?), to 5%

22.1 chlorite(?) inclusion(?); 5 cm mottled pale grey-green

22.3 - 22.7 SILICIFICATION - mottled dark grey-pale grey-green, numerous chlorite seams and fractures

22.7 - 22.9 QUARTZ VEIN - white, fine grained recrystallized; patchy dull grey clots

24.8 - 25.2 SILICIFICATION - 10% diorite texture preserved; bleached

25.1 - 25.2 BRECCIA - healed seam, 1-2 cm wide, 50-55° c/a; angular mafic and diorite clasts to 15x3 mm

26.3 mafic xenolith, angular, 4-3 cm

26.5 - 27.4 SILICIFICATION - dark-light grey; 20% diorite texture preserved

27.4 - 27.7 QUARTZ VEIN - white, very fine grained recrystallized, 65-70° c/a upper contact; disseminated fine grained muscovite-chlorite; few chlorite seams; fine grained pyrite-chalcopyrite strings near lower contact, locally 10% sulphides; lower contact sharp 55° c/a

2.886

SAMPLE 111327 27.0 - 27.7 0.083 oz./ton Au 0.27% Cu

33.2 - 34.0 QUARTZ VEIN - white, weak grey mottling; fine grained recrystallized; sparse fine grained pyrite to 5% in fractures near lower contact

34.0 - 34.1 GOUGE - grey, chloritic

8.29 g

SAMPLE 111328 33.2 - 34.1 0.242 oz./ton Au

34.3 QUARTZ VEIN - 2 cm

34.5 QUARTZ VEIN - 4 cm, 75° c/a upper contact

36.9 - 37.2 SILICIFICATION - bleached, pale green-grey; 20% diorite texture preserved

37.4 QUARTZ VEIN - 1 cm, 80° c/a

40.1 - 40.3 SILICIFICATION - dark grey, finely recrystallized, diffuse contacts, 65° c/a

40.9 - 41.0 QUARTZ VEIN - white, 6 cm, 55° c/a; rare fine grained pyrite on contacts

41.7 QUARTZ VEIN - 5 cm, 90° c/a, broken

41.8 - 42.0 QUARTZ VEIN - 4 cm, finely broken

43.8 - 44.0 QUARTZ FLOODING - 90% quartz; 3% disseminated pyrite, minor chalcopyrite in seams and lower contact (70° c/a)

44.2 QUARTZ CLOTS

44.3 - 44.4 QUARTZ VEIN - 2 cm wide, 30° c/a; chlorite(?) molybdenite(?) seams within vein

45.1 - 45.2 SILICIFICATION - dull pale grey-green, diorite texture preserved

48.4 SILICIFICATION - dark brown-grey, 5 cm

48.7 SILICIFICATION - as previous

48.9 QUARTZ VEIN - 1cm, 30° c/a

49.3 - 49.4 SILICIFIED SHEAR - 80% c/a, very fine grained, extreme flattening; 5% very, very fine grained pyrite-chalcopyrite(?)

SAMPLE 111329 49.1 - 49.6 20 ppb Au

49.8 - 51.1 BIOTITE ALTERATION? - 90% dark grey-brown plagioclase, brown-black fine grained, interstitial biotite; diffuse zones; some thin, bleached chlorite seams

51.1 - 54.4 MAFIC FELDSPAR PORPHYRY DIKE - black-dark grey

51.1 - 52.6 SILICIFIED UPPER CONTACT ZONE - streaky, weakly bleached, 80-90° c/a; sparse, disseminated fine grained pyrite

SAMPLE 111330 52.1 - 52.6 30 ppb Au

52.6 - 54.4 CHLORITIC ZONE - very fine grained biotite and dull grey-green to dull white plagioclase matrix; 5-15% waxy grey anhedral plagioclase and few biotite phenocrysts; weakly magnetic; 1-2% disseminated very fine grained pyrite

SAMPLE 111331 52.6 - 53.1 25 ppb Au

54.4 - 62.1 DIORITE PORPHYRY - 60% phenocrysts 2x3 to 3x5 mm, albite twins common; matrix dark grey-black-grey, plagioclase>>>biotite; weakly magnetic in part; rare coarse, angular mafic fragments; few chlorite seams

55.8 - 56.2 GOUGE - black, chloritic; broken core

61.9 - 62.1 broken core and gouge; fault contact

62.1 - 65.5 DIORITE PORPHYRY - fewer coarse phenocrysts; as @ 3.0 m

63.1 - 63.6 GOUGE - 70% siliceous gouge and broken core; rare disseminated fine grained pyrite

63.6 - 64.1 broken core

64.5 - 65.5 SILICIFICATION - minor broken core

65-4 - 65-5 siliceous gouge

65.5 - 65.8 MAFIC FELDSPAR PORPHYRY DIKE - weak biotite alteration; broken core

65.8 - 67.1 CONTACT FAULT(?) - siliceous, carbonate, and chlorite gouge; 20% broken core; sparse very fine grained to fine grained disseminated pyrite

SAMPLE 111332 66.0 - 67.0 5 ppb Au ppm Cu ~ ppm Mo —

67.1 - 97.5 DIORITE PORPHYRY - as @ 3.0

69.7 - 72.1 SILICIFICATION - pale grey, texture preserved

73.2 - 73.4 finely broken core

73.7 QUARTZ VEIN - 2 cm wide, 80° c/a; few pale-bright green (?) clots

75.0 QUARTZ VEIN - white, fine grained recrystallized; 4 cm wide, 65° c/a; coarsely mottled, grey-white

75.8 GOUGE - siliceous, 5 cm

76.2 BRECCIA - grey-white, siliceous

76.2 - 77.1 SILICIFICATION - numerous seams, all core angles

77.1 - 77.5 QUARTZ FLOODING - 20% gouge, broken core

78.7 - 80.8 GOUGE - siliceous and chloritic; broken core

80.4 - 80.5 BRECCIA - siliceous; crowded, coarse (to 2x3 cm), thinly matrix supported grey clasts of very fine grained quartz-feldspar

81.9 - 81.2 GOUGE - siliceous and chloritic, quartz fragments; broken core

81.9 - 82.0 GOUGE - chlorite

82.0 - ~84.0 SILICIFICATION - pale grey, texture preserved

82.0 - 82.3 broken core

82.8 - 82.9 GOUGE - chloritic, finely broken quartz vein

87.4 - 87.6 QUARTZ VEINS - white, coarsely recrystallized; 5 cm and 4 cm, 90° c/a

88.9 - 89.9 SILICIFICATION - grey, very, very fine grained; coarsely brecciated in part, e.g. 4x2 cm, 89.5

89.0 - 89.3 GOUGE - siliceous; broken quartz vein

SAMPLE 111333 88.9 - 89.9 5 ppb Au — ppm Cu — ppm Mo

92.8 - 93.0 QUARTZ VEIN - white, massive, rare pyrite; 6 cm, 20° c/a

93 0 - 95.1 SILICIFICATION - grey, very fine grained-aphanitic; no diorite texture preserved; 5-10% very, very fine grained disseminated pyrite

SAMPLE 111334 95.0 - 94.0 20 ppb Au — ppm Cu — ppm Mo

95.4 - 95.8 SILICIFICATION - grey-brown (biotite); texture preserved

95.5 - 95.6 BRECCIA and GOUGE

95.8 - 97.5 SILICIFICATION - patchy, weak; minor chlorite-biotite seams, all core angles

97.3 - 97.5 QUARTZ FLOODING - white-grey, sparse very fine grained pyrite

97.5 END OF HOLE

PROJECT: ORKO GOLD CORP. BONAPART GOLD MINE	NTS Map Number: 92 P/1 TRIM 92P008 Mining Division: KAMLOOPS	Drilling by: CONNORS Date: JUNE 22-23/98 Logged by: E LIVGARD	DRILL HOLE: #98-7
COLLAR LOCATION: 4025E 807SN	AZIMUTH: N DIP: -80°	ELEVATION: 1691m TOTAL LENGTH: 60.4m	PAGE: 1 of 3

MAIN DIV. from (m)	MAIN DIV. to (m)	MINOR DIV. from (m)	MINOR DIV. to (m)	DESCRIPTION	SAMPLE NUMBER	INTERVAL from (m)	INTERVAL to (m)	PPb ASSAYS Au			
0	1.5			CASING							
1.5	20.2			GRANODIORITE							
				LIGHT - MEDIUM GRAINED							
				OCCASIONAL QUARTZ STRINGERS							
				1-4 cm WIDE - IRREGULARLY							
				50 TO 60° TO CORE.							
				FRACTURES ABOUT 30° AND							
				45° AND 0 TO 10° TO CORE							
		7.6	8.0	FRAGMENTED (2-10 cm)							
				FRACTURING 0-10° to CORE							
				- CHLORITE ON FRACTURE							
				SURFACES							
		13.1	14.2	FRAGMENTED (1/2-10cm)							
				FRACTURING 0 TO 5°, 40°, 70°							
				TO CORE - CHLORITE							
		14.2	14.6	MINOR QUARTZ STRINGERS							
				50° AND 50° to CORE	111342	9.4	9.8	5			
		14.8	15.0	QUARTZ - IRREGULAR - SPECKS	111343	14.7	15.2	5			
				OF PYRITE, CHALCOPYRITE							
				AND BORNITE							

MAIN DIV. from (m)	MAIN DIV. to (m)	MINOR DIV. from (m)	MINOR DIV. to (m)	DESCRIPTION	SAMPLE NUMBER	INTERVAL from (m)	INTERVAL to (m)	ppb Au	ASSAYS
20.2	20.8			DYKE FINE GRAINED GREY GROUNDMASS WITH MINOR BIOTITE - PHENOCRYSTS 1-2 mm OF WHITE FELDSPAR					
20.8	39.0			DIORITE MEDIUM GRAINED SLIGHTLY PORPHYRITIC FRACTURING 60° to CORE MINOR PYRITE <1% occ. CHALCOP. THROUGHOUT	111344	27.8	28.1	5	
		27.6	28.0	QUARTZ VEIN - BARREN AT 27.6 5cm GREY MUD - MOVEMENT?					
		30.4	30.6	FRAGMENTED - CHLORITE ON SURFACES.					
		37.5	39.0	LIGHT COLOURED - ALTERED MINOR MAFICS VISIBLE - SILICIFICATION NEXT TO SOME FRACTURES. FRACTURING 10°, 30° AND 35° to CORE					
		34.4	36.0	10% QUARTZ IN IRREGULAR STRINGERS. 1-10cm WIDE.	111345	34.5	35.0	5	
					46	35.0	36.0	65	
		38.0	38.4	PARTLY SHATTERED - LEACHED SOME MUD AND SAND					
39.0	40.0			QUARTZ VEIN BARREN	47	38.9	39.9	235	
40.0	58.0			DIORITE AS ABOVE FRACTURING 50-55° to CORE	48	42.2	42.5	5	
		44.4	44.55	SILICIFIED - BOUNDED BY FRACTURES 55° to CORE					

MAIN DIV. from (m)	MAIN DIV. to (m)	MINOR DIV. from (m)	MINOR DIV. to (m)	DESCRIPTION	SAMPLE NUMBER	INTERVAL from (m)	INTERVAL to (m)	ppb ASSAYS A
		44.7	45.2	FRAGMENTED 1/4 TO 4 CM	111349	44.7	45.2	5
				LEACHING - ~~CLAY MUD~~ AND ~~SAND~~				
		45.4	45.9	CROSS CUTTING QUARTZ STRINGERS				
				0.2 TO 0.5 CM WIDE				
				20°, 45°, 70° TO CORE				
		46.9	47.2	FRAGMENTED - DUE TO FRACTURING				
				WITH CHLORITE ON SURFACES				
		49.8	50.1	CROSS CUTTING QUART STRINGERS				
				0.2 TO 0.8 CM (6)				
		50.6	50.7	SHEAR AT 70° TO CORE				
		AT		55.6, 55.7, 56.0, 56.2, 56.5				
				QUARTZ STRINGERS 1-4 CM	111350	52.9	54.3	5
				WIDE - SILICIFICATION AROUND				
				FRACTURES 35° TO 45° TO CORE				
		57.9	58.0	QUARTZ VEIN 75° TO CORE				
58.0	59.0			DYKE - AMORPHOUS GREY				
				GROUNDMASS WITH 1-2 MM				
				BIOTITE-HORNBLENDE AND				
				1 MM WHITE FELDSPAR				
59.0	60.4			DIORITE - AS ABOVE				
END								

ORKO GOLD CORPORATION
BONAPARTE GOLD PROPERTY

DH 98-8

CO-ORDS.: 1998 Grid

AZIMUTH: W

DIP: - 50°

ELEVATION:

LENGTH: 74.7 m

PURPOSE: vein test

DRILL TYPE & SIZE: track-mounted / HQ core

DIP TEST: none

SAMPLES: 113664 - 113680

DATE STARTED: 1998

DATE COMPLETED: 1998

LOGGED BY: E.D. Frey

DATE LOGGED: 5 - 6 July 1998

0 - 3.0 overburden, casing

3.0 - 4.0 METASEDIMENTARY ARGILLITE? - METAVOLCANIC MAFIC TUFF? very fine grained, black, siliceous; thinly "layered" (<5 mm) very fine grained white quartz (meta-chert?), crinkled and pygmatically folded; disseminated very fine grained pyrite <1%; broken core

3.4 - 3.5 MAFIC DIKE - diabase(?), fine grained, magnetic; diffuse aphanitic contacts

SAMPLE 113664 3.0 - 4.0 < 5 ppb Au > 57 ppm Cu | > ppm Mo

4.0 - 51.8 DIORITE-DIORITE PORPHYRY matrix: very fine grained to fine grained, grey-white-black; 60-70% subhedral to euhedral plagioclase & 30-40% biotite>hornblende; hornblende to 3 mm, commonly clustered; biotite very fine-fine grained, interstitial; phenocrysts: 1-5%, coarse grained to 1 cm, equant to subhedral (10x4 mm) plagioclase, some albite twinned, few zoned with white rims; coarse phenocrysts are a small portion of a feldspar phyric continuum; very fine grained to fine grained pyrite, disseminated and strings to 1% common in part; few very fine grained, black mafic volcanic(?) fragments, angular, 1-2 cm; matrix QUARTZ DIORITE in part, sparse vfg grey quartz eyes; SILICIFICATION is pervasive, the more intense sections (noted) obscure or obliterate the intrusive textures; thin clear to grey quartz seams to 3 mm common, few to 1 cm, all core angles (c/a); thin white calcite commonly coats fractures.

4.6 - ~5.5 ~60-80% lost core? few limonite coated fragments

~5.5 - 5.9 QUARTZ VEIN - very fine grained, coarsely patchy grey-white; pale grey-green seams; 1-2% very fine-fine grained pyrite, disseminated & seams

~5.9 - 6.2 broken core, limonite oxidized fractures

6.4 - 7.1 QUARTZ VEIN - upper contact 1 cm wide chloritic GOUGE, 50° c/a; limonite & minor hematite on fractures; sparse disseminated pyrite-chalcopyrite

SAMPLE 113665 6.4 - 7.1 25 ppb Au 63 ppm Cu 44 ppm Mo

7.6 - 8.1 broken core; SILICIFICATION and 10% QUARTZ VEIN

8.2 - 8.3 SILICIFICATION - grey-green (biotite-chlorite altered?) contacts; diffused 70° c/a lower contact

8.9 - 9.3 SILICIFICATION - pale green-grey; diorite texture preserved

11.3 - 12.4 SILICIFICATION - pale grey, 20% diorite texture preserved

14.2 - 14.4 SILICIFICATION - pale grey-green, 7 cm wide, 30° c/a; central 1 cm wide quartz seam, bleached borders

14.7 - 14.9 SILICIFICATION & QUARTZ VEIN - chlorite seams, 90° contact

15.1 XENOLITHS? - two diffuse clots, fine grained chlorite-biotite-feldspar; to 2x3 cm

15.6 - 16.1 SILICIFICATION - thin chlorite-biotite seams

15.9 - 16.0 GOUGE - chloritic; quartz vein fragments

16.7 - 17.4 QUARTZ VEIN - 1 cm wide, <5° c/a

17.4 - 18.0 SILICIFICATION - pale green-bleached; sparse, fine grained pyrite on fractures

19.0 numerous chlorite seams & thin gouge seams; 2 cm, 60-70° c/a

19.2 - 19.4 SILICIFICATION - pale green-grey; porphyritic

19.5 - 19.9 SILICIFICATION - pale grey; bleached borders; quartz eyes preserved

20.1 - 20.3 clay (GOUGE?)

20.2 - 20.7 XENOLITHS - few coarse mafic, very fine grained biotite

21.3 - 21.6 SILICIFICATION - pale grey; biotite-chlorite contacts, 70° c/a

21.6 - 22.0 BIOTITE ALTERATION - interstitial andnumerous seams; few quartz clots

22.0 - 23.2 broken core; chlorite seams; 50% QUARTZ VEIN

23.2 - 25.9 sand seam, width unknown; BIOTITE ALTERATION - very fine grained, brown-black, numerous thin seams, all c/a

25.9 - 26.0 SILICIFICATION - pale green-grey

26.0 - 26.4 GOUGE - siliceous, bleached, broken core, quartz vein?

26.4 - 27.1 SILICIFICATION - strong; aphanitic, diffuse contacts; pseudobreccia of very fine grained biotite seams, all c/a; sparse very fine grained pyrite

SAMPLE 113666 26.2 - 27.2 ppb Au 5 ppm Cu 74 ppm Mo 31, Bi 75

27.1 - 27.2 QUARTZ VEIN - very fine grained, massive, patchy grey-white, bleached seams; upper contact 60° c/a, lower contact 70° c/a

27.3 - 27.6 QUARTZ VEINS - chlorite seams; lower contact 70° c/a

SAMPLE 113667 27.2 - 27.7 20 ppb Au 186 ppm Cu 7 ppm Mo

28.0 - 28.5 SILICIFICATION - pale grey-green; 90% diorite texture preserved

28.1 bleached seam, 2 cm wide

29.3 - 29.6 SILICIFICATION - & QUARTZ VEIN (2 cm wide, 45° c/a, @ 29.6 m)

29.8 - 30.2 SILICIFICATION - thin biotite-chlorite seams, high core angles; slickensided fractures ?

30.2 - 31.5 SILICEOUS SHEAR - flat, wavy; truncated at sharp lower contact chloritic GOUGE & QUARTZ VEIN, 1 cm wide, 70° c/a

31.5 - 31.6 SILICIFICATION - pale grey, >90% diorite texture preserved; diffuse lower contact

32.0 - 34.9 SILICIFICATION - pale green-grey

32.4 - 33.0 GOUGE - chlorite-muscovite, broken core

33.1 - 33.5 broken core

34.6 - 34.9 bleached; QUARTZ VEIN (34.8 - 34.9) fine grained, massive, white; sparse fine grained pyrite, rare molybdenite specks

SAMPLE 113668 34.5 - 35.0 5 ppb Au 124 ppm Cu 50 ppm Mo

34.9 - 35.3 BIOTITE ALTERATION - very fine grained; weakly chloritic

35.3 - 37.4 QUARTZ VEIN - very fine grained, grey-white; broken, chlorite-limonite-pyrite on fractures; 1-5% clots, strings, seams very fine grained pyrite & rare chalcopyrite-bornite-pyrrhotite(?)

36.2 broken core

36.6 - 36.9 MAFIC DIKE - very fine grained, chloritic, magnetic

SAMPLE 113669 35.3 - 36.3 ~~462~~ 0.02 oz/ppb Au 2409 ppm Cu 8 ppm Mo

SAMPLE 113670 36.3 - 37.4 280 ppb Au 545 ppm Cu 19 ppm Mo

38.3 - 38.4 SILICIFICATION

39.3 - 39.4 SHEAR FOLIATION - 70° c/a; strong SILICIFICATION & BIOTITE ALTERATION

40.0 - 40.5 QUARTZ VEIN - few biotite seams in upper contact area

40.8 - 41.0 QUARTZ VEIN - massive, white; finely vuggy contacts, 1 cm wide, 90° c/a

SAMPLE 113671 40.0 - 41.0 15 ppb Au 234 ppm Cu 7 ppm Mo

41.0 - 45.8 BIOTITE ALTERATION - thin biotite-chlorite seams common, all c/a

41.3 - 41.7 broken core

41.8 - 42.2 few biotite-chlorite seams, 1 cm wide, 70° c/a

42.5 - 42.7 SILICIFICATION - dark grey upper third, lower part bleached; sharp 75° c/a lower contact; 1 cm wide siliceous GOUGE @ segment lower contact, 90° c/a

~43.0 - 51.8 MEGACRYSTIC-PORPHYRITIC DIORITE-QUARTZ DIORITE - 5-10% phenocrysts; obscure texture in part

43.3 - 43.4 SILICIFICATION - grey-bleached; <5% diorite texture preserved

43.8 - 43.9 QUARTZ VEIN - fine grained, massive, grey-white; bleached fractures; 30° c/a lower contact

45.2 - 45.9 broken core

45.2 - 45.6 SILICIFICATION & QUARTZ VEIN - grey-white; bleached lower contact, 80° c/a

45.8 - 51.8 SHEAR FOLIATION ZONES - dark-light grey, 2-3 to >10 cm wide, 65-80° c/a; BIOTITE-CHLORITE-SILICIFICATION; strong flattening fabric, very fine grained biotite surrounds partly crushed, rotated quartz eyes, to 5 mm; sparse fine grained pyrite

47.1 - 47.5 broken core, minor GOUGE

SAMPLE 113672 46.5 - 47.5 5 ppb Au 28 ppm Cu 5 ppm Mo, AS 10

50.6 - 51.8 intense flattening

50.9 - 51.3 SILICIFICATION - thin quartz vein, 90° c/a upper contact; bleached; finely broken core, minor chloritic GOUGE

51.5 - 51.8 bleached, broken in part; biotite-healed quartz BRECCIA at lower contact

SAMPLE 113673 50.9 - 51.8 15 ppb Au 79 ppm Cu 11 ppm Mo

51.8 - 74.7 DIORITE-QUARTZ DIORITE-minor PORPHYRITIC DIORITE - speckled white-black-brown-grey; minor patchy SILICIFICATION, chlorite-biotite seams, bleached seams

51.8 - 52.0 SILICIFICATION - pale grey-brown

53.2 - 54.3 SILICIFICATION - chlorite fractures; <5% diorite texture preserved

53.2 - 53.2 QUARTZ VEIN - grey-white; bleached fractures; 25° c/a upper contact; <1% disseminated very fine grained pyrite

SAMPLE 113674 53.2 - 54.3 5 ppb Au 84 ppm Cu 2/ppm Mo, 450

60.2 - 60.6 SILICIFICATION - broken core; pale grey-bleached; minor gauge seams 50-70° c/a; quartz eyes & ghost textures

61.7 QUARTZ VEIN - 3 cm wide, 45° c/a

62.8 SILICIFICATION - pale grey, 5 cm wide, 30° c/a

63.9 - 64.0 SILICIFICATION - " " , 20° c/a

64.4 - 64.6 SILICIFICATION - 3 cm wide QUARTZ VEIN @ lower contact, 45° c/a

65.3 - 67.1 SILICIFICATION - intense; minor bleached seams/patches; rare specks-2 mm blebs very fine grained pyrite

65.6 - 66.0 broken core

66.0 - 66.2 siliceous GOUGE

66.5 - 67.1 GOUGE - siliceous-chloritic, sharp 85° c/a lower contact

SAMPLE 113675 66.0 - 67.1 5 ppb Au 216 ppm Cu 12 ppm Mo

67.1 - 67.8 SILICIFICATION - weak, pale green-grey; diorite texture preserved

67.8 - 68.2 SILICIFICATION - 50% broken core & minor siliceous gouge; few zoned chlorite-quartz-chlorite seams; lower contact 30° c/a

68.5 - 68.8 GOUGE - finely broken silicified core; 80° c/a upper contact, sharp 60° c/a lower contact

SAMPLE 113676 67.8 - 68.8 5 ppb Au 37 ppm Cu 7 ppm Mo

69.0 - 69.3 GOUGE - as 68.5; upper contact 70° c/a, lower contact 90° c/a

69.4 - 69.6 GOUGE - as 68.5; " " 90° c/a, " " 70° c/a

SAMPLE 113677 68.8 - 69.8 5 ppb Au 24 ppm Cu 8 ppm Mo

69.6 - 74.7 weak SILICIFICATION - pale grey +/- pale green

69.8 - 70.0 broken core

70.1 - 70.3 " " , siliceous GOUGE

70.4 - 70.8 " " , chloritic-siliceous GOUGE

SAMPLE 113678 69.8 - 70.5 5 ppb Au 17 ppm Cu 2 ppm Mo

71.6 - 71.9 broken core, GOUGE - as 68.5

71.9 - 74.7 coarsely (to 2 cm) plagioclase phyric & prophyritic

71.9 - 72.5 broken core, minor chloritic-siliceous gouge

SAMPLE 113679 71.6 - 72.5 5 ppb Au 55 ppm Cu 4 ppm Mo

72.5 - 73.0 broken core, numerous chlorite fractures

73.7 - 74.2 90% QUARTZ VEIN - very fine-fine grained white-grey, bleached seams; sharp 70° c/a upper contact; sparse fine grained pyrite, disseminated & rare clots; broken lower contact, chlorite fractures

SAMPLE 113680 73.7 - 74.2 5 ppb Au 43 ppm Cu 3C ppm Mo

74.3 - 74.4 SILICIFICATION - bleached; sharp upper contact, 80° c/a

74.7 END OF HOLE

PROJECT: ORKO GOLD CORP / BONAPART GOLD	NTS Map Number: 92P/1 TRIM 92P016 Mining Division: KAMLOOPS	Drilling by: CONNORS Date: Logged by: E. LIVGARD	DRILL HOLE: 98 #9
COLLAR LOCATION:	AZIMUTH: 115° DIP: -45°	ELEVATION: TOTAL LENGTH: 28.7	PAGE: 1 OF 1

MAIN DIV. from (m)	MAIN DIV. to (m)	MINOR DIV. from (m)	MINOR DIV. to (m)	DESCRIPTION	SAMPLE NUMBER	INTERVAL from (m)	INTERVAL to (m)	ASSAYS ppb Au	ASSAYS ppm Cu	ASSAYS ppm Mo	ASSAYS ppm As
0	3.4			CASING							
3.4	19.3			DIORITE - FINE TO MEDIUM GRAINED LIGHT - MINOR EPIDOTE.							
		4.6	4.85	DYKE - 45° TO C. FINE GRAINED GREY WITH WHITE 1mm SPECKS.							
		6.4	7.0	30cm CORE LOSS							
		6.4	7.0	SANDY-CLAY FRIABLE							
		11.6	19.3	INCREASE TO COARSE GRAINED							
19.3	22.9			QUARTZ VEIN - LOWER AND INTERNAL CONTACTS 30-35° TO C	111494	19.3	21.0	696	1771	34	2
					95	21.0	22.9	990	86	7	<2
		20.0	20.4	DIORITE WITH PARALLEL QUARTZ STRINGERS AND STRINGERS 35° TO C.							
		21.0	21.3	DIORITE SILICIFIED-COARSE GRAINED - 1% CHALCOPYRITE MAINLY IN QUARTZ VEINS (19.3 TO 22.9) NEAR CONTACT TO DIORITE							
22.9	28.7			DIORITE - COARSE GRAINED.							

END

ORKO GOLD CORPORATION
BONAPARTE GOLD PROPERTY

DH 98-10

CO-ORDS.: 1998 Grid

AZIMUTH: 53

DIP: -55°

ELEVATION:

LENGTH: 65.2 m

PURPOSE: vein test

DRILL TYPE & SIZE: track-mounted / HQ core

DIP TEST: none

SAMPLES: 111447 - 111450; 113651 - 113663

DATE STARTED: 1998

DATE COMPLETED: 1998

LOGGED BY: E.D. Frey

DATE LOGGED: 3 - 4 July 1998

0 - 5.2 overburden, casing

5.2 - 65.2 DIORITE-DIORITE PORPHYRY matrix: very fine grained to fine grained, grey-white-black; 60-70% subhedral to euhedral plagioclase & 30-40% biotite>hornblende; hornblende to 3 mm, commonly clustered; biotite very fine-fine grained, interstitial; phenocrysts: 1-5%, coarse grained to 1 cm, equant to subhedral (10x4 mm) plagioclase, some albite twinned, few zoned with white rims; coarse phenocrysts are a small portion of a feldspar phyric continuum; very fine grained to fine grained pyrite, disseminated and strings to 1% common in part; few very fine grained, black mafic volcanic(?) fragments, angular, 1-2 cm; matrix QUARTZ DIORITE in part, sparse vfg grey quartz eyes; SILICIFICATION is pervasive, the more intense sections (noted) obscure or obliterate the intrusive textures; thin clear to grey quartz seams to 3 mm common, few to 1 cm, all core angles (c/a); thin white calcite commonly coats fractures.

5.4 - 5.5 SILICIFICATION - bleached-pale grey, 20% diorite texture preserved; 65° c/a, wavy-diffuse dark grey contact zones, 1 cm wide; sparse, fine grained pyrite in contacts

5.6 - 6.1 QUARTZ VEINS - fine grained, recrystallized, dull white, 4-6 cm wide, 20° c/a; fine grained quartz-sericite+/-pyrite zones to 1 cm wide

SAMPLE 111447 5.6 - 6.1 15 ppb Au 318 ppm Cu 156 ppm Mo, 155 As

6.3 > quartz seams common, thin (to 1 cm), low c/a, clear-grey

7.5 QUARTZ VEIN - very fine grained - fine grained, grey-white, 5 cm wide, 90° c/a

9.0 SILICIFICATION - patchy, bleached, 8 cm, 90° c/a; diorite texture preserved

9.1 - ~10.0 few quartz veins, grey, 10-15 mm wide, 10-15° c/a; to 1% disseminated fine grained pyrite adjacent and within

SAMPLE 111448 9.0 - 10.0 10 ppb Au, 121 ppm Cu, 51 ppm Mo 300 As

11.3 - 12.1 90% coarsely broken core, limonite fractures

12.0 - 12.5 SILICIFICATION - pale grey-bleached; diorite texture weakly preserved

12.1 QUARTZ VEIN - fine grained, white; 40° c/a, 2 cm

12.3 QUARTZ VEIN - very fine grained, white-clear, 3 cm; 1% disseminated clots very fine grained tourmaline in 2-3 cm alignment (fractures?); rare molybdenite(?) specks

SAMPLE 111449 12.0 - 12.5 55 ppb Au 31 ppm Cu, 95 ppm Mo 30 As

12.7 - 13.3 QUARTZ VEINS - few flat (0° c/a), thin, clear

13.1 - 13.2 sparse clots very fine grained bornite, after subhedral hornblende to 12 mm

14.2 - 14.4 QUARTZ FLOODING - coarse grained clots, very fine grained quartz +/- biotite seams

~15.1> numerous segments weakly bleached plagioclase and 1% very fine grained-fine grained biotite clots to 1 cm

15.4 - 15.8 GOUGE - siliceous, grey; 20% finely broken white quartz vein

~17.5 - 18.5 SILICIFICATION - few zoned seams to 2 cm wide

18.7 - 18.9 SILICIFICATION - weakly bleached, diorite texture preserved

19.1 - 19.2 SILICIFICATION & QUARTZ VEIN - 90° c/a; pyrite to 5% on numerous thin fractures, rare specks chalcopyrite

19.3 - 19.8 QUARTZ VEIN - fine grained, white; broken core, fine to coarse

19.9 - 20.3 QUARTZ VEIN (50%) - 80° c/a upper contact; numerous seams very fine grained biotite; very fine-fine grained pyrite strings in lower contact area

SAMPLE 111450 19.3 - 20.3 40 ppb Au 149 ppm Cu 189 ppm Mo 35 As

22.0 - 22.5 SILICIFICATION - weakly bleached, diorite texture preserved; few thin

(<5 mm) seams very fine grained biotite, chlorite, all c/a

22.9 - 23.4 QUARTZ VEIN & SILICIFICATION (23.2 - 23.4) - white, fine grained recrystallized quartz; 1% very fine grained pyrite, rare chalcopyrite; silicification pale green-bleached, 90% diorite texture preserved

SAMPLE 113651 22.9 - 23.4 5 ppb Au 121 ppm Cu 45 ppm Mo 10>As

23.6 - 23.8 broken core, few grey quartz veins

24.0 - 24.1 GOUGE - siliceous and chloritic; broken quartz vein

SAMPLE 113652 23.4 - 24.1 65 ppb Au 29 ppm Cu 14 ppm Mo ##SAs

25.4 - 25.6 QUARTZ VEIN - 90%; broken core

25.6 - 25.8 SILICIFICATION - weak, pale grey-green; diorite texture preserved

26.3 SILICIFICATION - weak, 80° c/a, 3 cm wide

26.5 few coarse clots (to 15 mm) veryfine grained biotite (after hornblende?)

26.6 SILICIFICATION - as 25.6 m; 70° c/a, 4 cm wide

26.7 - 26.8 BIOTITE-CHLORITE - >70% very fine grained, brown-black biotite-chlorite, interstitial; enhanced porphyritic appearance of plagioclase-quartz phyric diorite

26.7 > crowded feldspar phyric (finely porphyritic)

27.0 - 28.6 BIOTITE-CHLORITE - >90% very fine grained, dark green-brown-black, soft; coating? some quartz-feldspar; diorite texture obscure; to 5% pyrite, disseminated very fine grained; broken core, fine to coarse

27.0 QUARTZ VEIN - very fine grained, grey-white; very fine grained biotite seams

SAMPLE 113653 27.4 - 28.4 35 ppb Au 101 ppm Cu 9 ppm Mo As<30

28.8 - 28.9 SILICIFICATION - very fine grained, grey-white, patchy; sparse fine grained pyrite

30.0 - 30.2 SILICIFICATION - three zones, 4 cm wide, 35° c/a, 5-6 cm separation; grey, zoned: 5 mm quartz centre, feldspar-fine grained-medium grained muscovite

31.5 few small clots very fine grained biotite; after hornblende?

32.3 - 32.4 SILICIIFICATION (QUARTZ VEIN?) - grey, wavy 90° c/a upper contact; fine grained pyrite to 10% on broken surfaces

32.5 - 32.7 QUARTZ FLOODED - grey-white, 90° c/a; numerous thin seams dendritic tourmaline(?) strings (very fine grained, black, acicular), 1% very fine grained pyrite, rare chalcopyrite; to 10% pyrite on fractures

SAMPLE 113654 32.3 - 32.7 10 ppb Au 156 ppm Cu 488 ppm Mo As 35

33.0 - 33.1 SILICIFICATION-QUARTZ VEIN-BRECCIA - 45° c/a, central quartz vein 2 cm wide, strong shear foliation; very fine grained brown-black biotite seams and fractures; rare very fine grained chalcopyrite in biotite

33.4 - 33.5 broken core, patchy SILICIFICATION-QUARTZ VEIN

SAMPLE 113655 33.0 - 33.5 5 ppb Au 85 ppm Cu 6 ppm Mo As < 5

35.1 - 36.0 90% broken core; 2-3 QUARTZ VEINS (35.1 - 35.5 & 35.8 - 36.0); few very fine grained tourmaline needles on seams; rare chalcopyrite, minor GOUGE

SAMPLE 113656 35.1 - 36.0 5 ppb Au 54 ppm Cu 9 ppm Mo As 5

36.0 - 36.4 coarsely broken core

36.6 & 36.8 SILICIFICATION - 4-6 cm, grey-bleached; 10% diorite texture preserved

38.4 - 38.7 SILICIFICATION - pale grey-green "tapioca" (fine grained quartz eyes); 35° c/a upper contact, 75° c/a lower contact

38.7 - 38.8 QUARTZ VEIN - massive, very fine grained, white; to 1% fine grained pyrite in partly vuggy upper contact & on fractures; no visible sulphides

38.8 - 39.5 few white QUARTZ VEINS, 1-10 cm; +/- diorite inclusions

39.5 - 39.7 QUARTZ VEIN - very fine grained, white massive, sharp, 60-70° upper contact; shear foliation; few chlorite-biotite and white (albite?, sericite?) zoned fractures

SAMPLE 113657 38.7 - 39.7 5 ppb Au 230 ppm Cu 2 ppm Mo As 5

40.6 - 41.2 GOUGE - chloritic, few thin quartz seams; sharp upper contact, 65° c/a

41.4 - 41.5 GOUGE - chloritic

41.7 - 42.1 broken core, chloritic fractures, some slickensides, all c/a

42.1 - 42.4 SILICIFICATION - pale grey-bleached; 90% diorite texture preserved; few 1 cm quartz veins

42.4 - 42.8 broken core, upper contact GOUGE; chloritic fractures

43.0 - 43.1 as previous

43.3 - 43.4 SILICIFICATION & BRECCIA - pale green, 2 cm wide upper & lower contacts, central silicified breccia, 70° c/a upper contact; white-pale grey subangular fragments, chloritic gouge at lower contact of breccia and interstitial

44.2 - 44.3 SILICIFICATION - pale grey, diorite texture preserved, diffuse contacts

45.6 - 45.8 SILICIFICATION (as previous) & QUARTZ VEIN - in broken core

46.0 XENOLITH - black, 80% very fine grained biotite, 2x1 cm, subangular

46.5 - 46.7 XENOLITHS - few to 5 mm, as previous

46.8 SHEAR FOLIATION - 1 cm wide, 80-90° c/a, quartz-calcite; 1% pyrite-chalcopyrite, very fine grained-fine grained, disseminated

47.1 - 47.4 SILICIFICATION - grey, 55° c/a upper contact; pale brown sericite? (after biotite?); few thin calcite seams

SAMPLE 113658 46.7 - 47.4 5 ppb Au 25 ppm Cu 3 ppm Mo

48.9 SILICIFICATION - pale grey-green; quartz-chlorite shear; 2 cm wide,

80° c/a

49.8 - 50.8 BIOTITE ALTERATION - pervasive interstitial very fine grained biotite; dark grey-black-brown SILICIFIED biotite shear foliation to 10 cm wide, 60-80° c/a, sharp to diffuse contacts; rare fine grained pyrite; lower 10 cm swirled foliation

SAMPLE 113659 49.8 - 50.8 5 ppb Au 19 ppm Cu 2 ppm Mo

51.0 - 51.3 broken core; QUARTZ VEIN & BIOTITIC SILICIFICATION to 2 cm wide, 70-80° c/a; rare disseminated fine grained pyrite & chalcopyrite(?)

52.4 - 54.3 SILICIFICATION - weak, grey-pale green; few thin bleached seams, all c/a

SAMPLE 113660 53.6 - 54.6 20 ppb Au 28 ppm Cu 76 ppm Mo

54.3 - 54.6 QUARTZ VEIN - very fine grained, patchy white-grey; disseminated pyrite to 1%; upper contact 40° c/a, lower contact 80° c/a

54.7 SILICIFICATION - pale grey, 10% diorite texture preserved; 2 cm wide, 35° c/a; fine grained cubic pyrite on fractures

56.2 - 58.4 SILICIFICATION-CHLORITE ALTERATION - pale green chlorite after biotite; diorite texture preserved; QUARTZ DIORITIC in part; patch vein quartz; rare pyrite specks

56.2 - 57.0 broken core, low c/a quartz vein

57.2 - 57.6 60% patchy vein quartz

SAMPLE 113661 57.1 - 58.1 10 ppb Au 120 ppm Cu 10 ppm Mo

58.0 - 58.7 numerous chlorite-biotite seams, few clots to 2x5 cm; 10% very fine grained pyrite; pyrite smears on fractures

59.0 - 60.3 SILICIFICATION-CHLORITE ALTERATION-QUARTZ VEINS -QUARTZ FLOODING - grey-white; veins all c/a, white zoned fractures; sparse very

fine grained pyrite

SAMPLE 113662 59.2 - 60.2 5 ppb Au 64 ppm Cu 29 ppm Mo

61.4 - 62.9 CHLORITE ALTERATION-SILICIFICATION - weak, diffuse contacts; sparsely porphyritic

62.3 shear foliation, 2 cm wide, 55° c/a; pale green-grey

62.7 - 62.9 as previous; 5 cm wide, 2cm quartz core; 35° c/a

63.8 - 65.2 SILICIFICATION-BIOTITE-CHLORITE ALTERATION - pale chloritic-siliceous GOUGE & broken core; sparse very fine grained pyrite; upper contact GOUGE, 90° c/a

65.1 - 65.2 BRECCIA? - angular-subangular fragments to 2 cm; broken core

SAMPLE 113663 63.8 - 65.2 5 ppb Au 22 ppm Cu 5 ppm Mo

65.2 END OF HOLE

PROJECT: ORKO GOLD CORP. BONAPARTE GOLD.	NTS Map Number: 92P/1 92P008 Mining Division: KAMLOOPS	Drilling by: CONNORS Date: July 12th 1998 Logged by: E. LIVGARD	DRILL HOLE: 98#11
COLLAR LOCATION: 4267E, 8081N	AZIMUTH: W DIP: 45°	ELEVATION: TOTAL LENGTH: 15.9	PAGE: 1 OF 1

MAIN DIV. from (m)	MAIN DIV. to (m)	MINOR DIV. from (m)	MINOR DIV. to (m)	DESCRIPTION	SAMPLE NUMBER	INTERVAL from (m)	INTERVAL to (m)	ASSAYS ppb Au	ASSAYS ppm Cu	ASSAYS ppm Mo	ASSAYS ppm As
0	1.2			CASING							
1.2	13.7			DIORITE FINE GRAINED LIGHT SLIGHT SILICIFICATION							
		3.0	5.0	PARTLY FRAGMENTED 5cm							
		5.3	6.2	FRAGMENTED - MINOR QUARTZ SAND - DENDRITIC MANGANESE STAINING - FRACTURE 80° to CORE WITH SILICIFICATION 2cm DEEP ON EACH SIDE							
		NRB	10.6	STRONG SILICIFICATION MINOR QUARTZ WITH PYRITE							
		11.1	11.2	QUARTZ FRAGMENTS - NO PYRITE							
13.7	15.0			QUARTZ VEIN 45° to C. 10% OF QUARTZ IS BLUE - MINOR PYRITE AND CHALCOPYRITE - SILICIFICATION ON EACH SIDE OF VEIN	113699	13.7	15.0	2	96	11	<2
15.0	15.9			DIORITE - LAST 30cm SANDY - FRIABLE ONE SLICKEN SIDE.							
END											

PROJECT:	NTS Map Number:	Drilling by: CONNORS Date:	DRILL HOLE:
	Mining Division:	Logged by: E. LIVGARD	98#11B
COLLAR LOCATION: 4260E, 808N	AZIMUTH: 140° APPROX DIP: -45	ELEVATION: TOTAL LENGTH: 6.5	PAGE: 1 of 1

MAIN DIV. from (m)	MAIN DIV. to (m)	MINOR DIV. from (m)	MINOR DIV. to (m)	DESCRIPTION	SAMPLE NUMBER	INTERVAL from (m)	INTERVAL to (m)	ppb Au	ASSAYS ppm Cu	ppm Mo	ppm As
0	3.1			CASING							
3.1	6.5			DIORITE FINE TO MEDIUM GRAINED							
END		5.7	6.1	FRACTURING PARALLEL TO C 2-3 QUARTZ STRINGERS WITH PYRITE.	113698	5.7	6.1	11	150	128	5
				- DRILLED WRONG DIRECTION -							

PROJECT: ORKO GOLD CORP BONAPARTE GOLD MINE	NTS Map Number: 92P/1 TRIM 92P.058 Mining Division: KAMLOOPS	Drilling by: CONNORS Date: July 4th 1998 Logged by: E. LIVGARD	DRILL HOLE: 98 #12
COLLAR LOCATION: 4055E, 8175N	AZIMUTH: W DIP: -55°	ELEVATION: TOTAL LENGTH: 77.7	PAGE: 1 of 4

MAIN DIV.		MINOR DIV.		DESCRIPTION	SAMPLE NUMBER	INTERVAL		ASSAYS ppb / ppm			
from (m)	to (m)	from (m)	to (m)			from (m)	to (m)	Au	Cu	Mo	As
0	3.7			CASING							
3.7	12.5			DIORITE PORPHYRITIC PHENOCRYSTS - FELDSP. TO 1.0cm							
		3.7	6.0	QUARTZ STRINGERS 35% PARALLEL TO CORE - 5cm WIDE WITH 5% PYRITE.							
		6.8	7.3	QUARTZ STRINGERS (20%)	113682	6.8	7.3	5	258	204	<5
				5 TO 10° TO C - 1 AND 2 cm							
		8.6	9.8	SHEARING 70° TO C - SERICITIC ALTERATION.							
		11.6	11.7	4cm MOVEMENT 45° TO C							
12.5	13.0			DYKE 80° TO C - VERY FINE GRAINED DIORITE WITH 4% PHENOCRYSTS							
13.0	14.0			FAULT - MUD & SAND AND FRAGMENTS TO 4 cm - 30% QUARTZ 3cm MUD AT 13.0 80° TO C 5 " " " 14.0	113683 84	13.0 14.0	14.0 14.6	5 5	81 300	17 578	<2 10

MAIN DIV. from (m)	MAIN DIV. to (m)	MINOR DIV. from (m)	MINOR DIV. to (m)	DESCRIPTION	SAMPLE NUMBER	INTERVAL from (m)	INTERVAL to (m)	ppb Au	ASSAYS ppm Cu	ppm Mo	ppm As
14.0	18.8			DIORITE - MEDIUM GRAINED							
		15.2	15.5	FRAGMENTS AND SAND							
				FRACTURING 65° to C.							
		17.9	18.4	FRACTURING 30-35°, 65-70° to C	913685	17.9	18.4	5	116	38	10
				PYRITE AND BLACK (BLUISH)							
				MINERAL (PYRRHOTITE?)							
18.8	23.1			DIORITE - FINE GRAINED							
				LIGHT - MINOR PHENOCRYSTS							
23.1	24.4			FRAGMENTED - 80% QUARTZ	113686	23.8	24.6	.076g	852	96	<5
				MINOR CHALCOPYRITE AND PYRITE				2.6g			
24.4	29.5			DIORITE - MEDIUM GRAINED							
				OCCASIONAL 1-2cm QUARTZ							
				STRINGERS 40-45° to C							
		27.9	28.3	2cm QUARTZ STRINGER							
				PARALLEL TO C.							
		AT	28.3	IRREGULAR QUARTZ WITH CAVITY							
				PERPENDICULAR TO CORE.	113687	27.9	29.4	5	182	16	15
29.5	30.5			QUARTZ VEIN 65°-70° to C.	88	29.4	29.9	20	223	8	55
				WITH CHLORITE. ONE FRAGMENT							
				WITH 10% CHALCOPYRITE AND PYRITE							
30.5	33.7			DIORITE DARK COARSE							
				GRAINED PORPHYRITIC							
				FRACTURING 75° to C WITH							
				1-2cm ALTERATION ON EACH							
				SIDE WITH BLURRING OF CRYSTALS							
33.7	34.3			FELDSPAR CRYSTALS TO 1.0cm							
				WITH DARK FINE GRAINED							
				XENOCRYSTS 1-10cm							

MAIN DIV. from (m)	MAIN DIV. to (m)	MINOR DIV. from (m)	MINOR DIV. to (m)	DESCRIPTION	SAMPLE NUMBER	INTERVAL from (m)	INTERVAL to (m)	ASSAYS ppb Au	ASSAYS ppm Cu	ASSAYS ppm Mo	ASSAYS ppm As
34.3	35.0			BLEACH QUARTZ 60-80%							
				REMAINDER BIOTITE.							
				-UPPER CONTACT 70° to C							
35.0	35.7			DIORITE - COARSE GRAINED				1/2 DL			
35.7	39.7			DIORITE VARYING BETWEEN	113689	36.5	37.3	15	164	7	<5
				DARK FINE GRAINED AND	90	37.3	38.4	5	84	5	5
				COARSE GRAINED. SOME	91	38.4	39.7	160	163	20	25
				SILICIFICATION	92	39.7	41.1	18 log	1000	16	<5
		38.4	39.7	FRAGMENTED - MUD, SAND	93	41.1	41.7	5	338	15	10
				AND FRAGMENTS TO 5 CMS							6
				QUARTZ 50%(?)	94	44.0	44.5	5	55	7	5
39.7	44.3			DIORITE - COARSE GRAINED							
				PORPHYRITIC	95	51.9	53.1	20	103	95	200
		AT	43.5	10 CM QUARTZ WITH 2% PYRITE	96	53.1	53.8	.044	153	28	75
44.3	44.8			QUARTZ VEIN 1% PYRITE				1/2 DL			
				MINOR CHALCOPYRITE							
44.8	45.4			DIORITE - MEDIUM GRAINED							
				PORPHYRITIC							
		AT	45.4	10CM QUARTZ VEIN - MINOR SULPHIDES							
45.4	51.7			DIORITE FINE GRAIND LIGHT							
				OCCASIONAL QUARTZ STRINGERS							
				40° to C							
51.7	53.1			FRAGMENTED 1-15 CM 55%							
				QUARTZ - MINOR MOLYBDENITE							
53.1	53.8			SHEARING - SILICA, BIOTITE							
				REMNENANT DIORITE. QUARTZ							
				STRINGERS 65-70° to C IN FOLIATION							

MAIN DIV. from (m)	MAIN DIV. to (m)	MINOR DIV. from (m)	MINOR DIV. to (m)	DESCRIPTION	SAMPLE NUMBER	INTERVAL from (m)	INTERVAL to (m)	ASSAYS ppb Au	ASSAYS ppm Cu	ASSAYS ppm Mo	ASSAYS ppm As
53.8	56.0			DIORITE - COARSE GRAINED PORPHYRYTIC							
		55.0	55.2	QUARTZ - BLUISH.							
56.0	56.8			DIORITE - FINE GRAINED FELDSPARS SERICITIZED							
		AT	56.8	~~QTZ~~ QUARTZ STRINGER 70° to C - TALC.							
56.8	68.0			DIORITE - COARSE GRAINED PORPHYRYTIC - LOWER CONTACT 40° to C - MINOR TALC - MOVEMENT SLICKENSIDE.							
		AT	62.3	FINE GRAINED SLIGHTLY PORPHYRYTIC - AFTER 1.0m INCREASE TO MEDIUM GRAINED							
		AT	62.5	20 cm BRECCIA - 10% QUARTZ							
		64.5	65.5	DIORITE WITH 20% IRREGULAR Qtz FELD.							
68.0	69.0			QUARTZ - FELDSPAR - LIGHT FINE GRAINED - SERICITIZED	113697	64.5	65.5	10	69	60	5
		AT	68	FRACTURE 45° to C 2cm QUARTZ AT 75° to C.							
69.0	71.6			DIORITE - MEDIUM GRAINED PORPHYRYTIC							
71.6	73.5			DIORITE - FINE GRAINED SERICITIC							
73.5	77.7	~~73~~		DIORITE MEDIUM GRAINED PORPHYRYTIC							
C	NP	73.5	74.4	FRAGMENTED - MUD, SERICITIZED							
V		76.2	76.4	FRAGMENTED 20% BLUE QUARTZ							
		77.2		5cm BLUE QUARTZ.							

PROJECT: ORKO GOLD CORP BONAPARTE GOLD MINE	NTS Map Number: 92P1 TRIM 92P.028 Mining Division: KAMLOOPS	Drilling by: CONNORS Date: Logged by: E. LIVGARD	DRILL HOLE: 98#14
COLLAR LOCATION:	AZIMUTH: W DIP: -60°	ELEVATION: TOTAL LENGTH: 22.9	PAGE: 1 of 2

MAIN DIV. from (m)	MAIN DIV. to (m)	MINOR DIV. from (m)	MINOR DIV. to (m)	DESCRIPTION	SAMPLE NUMBER	INTERVAL from (m)	INTERVAL to (m)	ppb Au	ASSAYS ppm Cu	Mo	As
0	1.2			CASING							
1.2	6.8			DIORITE - FINE GRAINED SILICIFIED - SUB ROUNDED FELDSPAR IN BLUE QUARTZ WITH BIOTITE. OCCASIONAL FRACTURES 10°, 35° AND 55° TO C WITH QUARTZ 1/2-2 cm WITH MINOR PYRITE AND CHALCOPYRITE - DENDRITIC MANGANESE STAINING							
		4.7	5.6	FRAGMENTED - 20% QUARTZ WITH 1.5% PYRITE, 0.5% EA CHALCOPYRITE AND MINOR PYRRHOTITE.	113737	4.7	5.6	6	150	12	22
					38	5.6	6.8	2	92	10	4
		5.6	6.8	A FEW QUARTZ STRINGERS 1/2-2 cm 10°, 70° TO C. WITH 2% PYRITE.	39	6.8	7.6	2.22 4.35	728	4	290
6.8	7.6			QUARTZ VEIN - IRREGULAR 70° TO C 2% PYRITE AND CHALCOPYRITE MINOR PYRRHOTITE					8		

MAIN DIV. from (m)	MAIN DIV. to (m)	MINOR DIV. from (m)	MINOR DIV. to (m)	DESCRIPTION	SAMPLE NUMBER	INTERVAL from (m)	INTERVAL to (m)	ASSAYS ppb Au	ASSAYS ppm Cu	ASSAYS ppm Mo	ASSAYS ppm As
7.6	17.6			DIORITE - MEDIUM GRAINED SILICIFIED - SUB ROUNDED FELDSPAR.							
		AT	12.1	10 cm IRREGULAR QUARTZ WITH STREAKS OF PYRITE AND CHALCOPYRITE (1%)							
17.6	18.7			DYKE 65° to C GREY BLUE SILICA AND QUARTZ GROUNDMASS CONTAINS GHOSTLY REMENANTS of FELDSPAR(?) AND ALSO BIOTITE 1-3 mm CHLORITIZED ALSO WHITE FELDSPAR PHENOCRYSTS 1-3 mm SUB ROUNDED							
18.7	19.0			DIORITE CONTACT 55-60° to C							
19.0	20.1			FAULT ZONE - LOWER CONTACT 75° to C							
				SAND TO 5 cm of MOSTLY DIORITE	113740	19.0	20.1	33	71	12	5
				MINOR QUARTZ - A FEW FRAGMENTS OF SILICIFIED BRECCIA WHICH CONTAINS MUCH TALK - ONE FRAGMENT CONSISTS OF TALC GROUNDMASS AND A PINK FRAGMENT WHICH CONTAINS WHITE (FELDSP.) AND BLACK (HORNBLEND) SPECKS							
20.1	22.9			DIORITE MEDIUM GRAINED							
		21.4	21.8	LEACHED - SANDY AND FRAGMENTS A FEW QUARTZ STRINGERS WITH 1% PYRRHOTITE.							

CHALCEDONY VEIN ZONE ?

PROJECT: ORKO GOLD CORP BONAPARTE GOLD	NTS Map Number: 92P/1 TRIM 92P008 Mining Division: KAMLOOPS	Drilling by: CONNORS Date: Logged by: E. LINGARD	DRILL HOLE: 98 #15
COLLAR LOCATION: E 4035E 8200N	AZIMUTH: W DIP: -70°	ELEVATION: TOTAL LENGTH: 66.2	PAGE: 1 of 5

MAIN DIV. from (m)	MAIN DIV. to (m)	MINOR DIV. from (m)	MINOR DIV. to (m)	DESCRIPTION	SAMPLE NUMBER	INTERVAL from (m)	INTERVAL to (m)	ASSAYS
0	1.0			CASING				
1.0	6.2			ATERED SEDIMENT(?) HIGHLY SILICIOUS - 20 TO 30% BROWN WAVY AND IRREGULAR BANDS OF BIOTITE				
		2.1	2.2	MUD				
		1.0	4.0	FRAGMENTED 1/4 - 10 cm				
6.2	13.5			DIORITE FINE TO MEDIUM GRAINED PORPHYRITIC IN PLACES				
		10.4	11.0	BLEACHED WHITE AND LIGHT GREEN - BLUE PATCHES WITH MOLYBDENITE - MINOR PYRITE - QUARTZ STRINGERS WITH 1/4 % MOLYBDENITE.				
13.5	16.5			10 cm MUD AT CONTACT - SILICA WITH BLACK PARINGS 1/4 mm WIDE 1/2 cm APPART 80 DEG				
		14.9	16.5	6-7 ROUNDED FRAGMENTS 2-4 cm INCORPORATED IN "DISTURBED" AREAS OF SILICA - THESE PATCHES ARE PINK FELDSPAR				

MAIN DIV. from (m)	MAIN DIV. to (m)	MINOR DIV. from (m)	MINOR DIV. to (m)	DESCRIPTION	SAMPLE NUMBER	INTERVAL from (m)	INTERVAL to (m)	ASSAYS ppb Au	ASSAYS ppm Cu	ASSAYS ppm Mo	ASSAYS ppm As
		14.9	16.5	Cont. THE FELDSPAR HAS SLIVERS OF BLUE QUARTZ (10%) SURROUNDING THE PATCHES IS QUARTZ AND SOME EPIDOTE PLUS SPECKS OF MOLYBDENITE 2-4% CHALCOPYRITE IN PINK FELDSPAR AND SURROUNDING AREA. FRACTURE SURFACES 40% COVERED WITH VERY FINE PYRITE	113741	14.9	16.5	35	330	98	23
16.5	16.7			DYKE - GREY GROUNDMASS WITH GHOSTS OF FELDSPAR (1mm) AND BIOTITE (5mm)							
16.7	19.2			SILICA AS ABOVE (13.5-16.5)							
19.2	20.7			HORNFELS AND SOME HIGHLY SILICIFIED PARTLY FRAGM. SECTIONS. 1% DISSEMINATED PYRITE - MINOR CHALCOPYRITE							
20.7	21.0			DYKE - 3cm MUD UPPER CONTACT - GREY, VERY FINE GRAINED - BLOTCHY.							
21.0	21.5			VERY FINE BROWN SAND (1/2-1/4mm) - MOSTLY ANGULAR GLASSY QUARTZ - 10% FELDSPAR SOME OF WHICH IS ALTERED. 3-4% BLACK FRAGMENTS - MINOR SULPHIDES. (PYRITE AND CHALCOPYRITE)							

MAIN DIV. from (m)	MAIN DIV. to (m)	MINOR DIV. from (m)	MINOR DIV. to (m)	DESCRIPTION	SAMPLE NUMBER	INTERVAL from (m)	INTERVAL to (m)	ppb Au	ppb Au	ppm Mo	ppm As
								ASSAYS			
21.5	23.0			SILICA AS 13.5-16.5, ALSO BIOTITE PARTINGS AND BANDS INCREASED (1½%?) PYRITE - MINOR CHALCOPYRITE	11374	21.5	23.0	6	163	56	112
					43	23.4	24.5	5	165	31	47
					44	24.5	25.4	3	272	13	94
23.0	23.4			DIORITE DYKE - IRREGULAR 45° to C. MEDIUM GRAINED - PORPHYRYTIC WITH HIGH % OF PHENOCRYSTS.	45	25.4	26.4	10	433	17	8
23.4	24.5			SILICA AS ABOVE - 1% PYRITE							
24.5	25.4			SILICA AS ABOVE PLUS 50% REDISH BROWN PATCHES OF FELDSPAR AND QUARTZ 1% PYRITE AND MINOR CHALCOPYRITE							
25.4	26.1			QUARTZ VEIN - VERY LITTLE VISIBLE SULPHIDES.							
26.1	29.8			DIORITE - FINE GRAINED - LIGHT SILICIFICATION.							
		30.0	30.1	SAND. AND MUD							
29.8	30.5			DYKE - WHITE GREY APHANITIC GROUNDMASS - PHENOCRYSTS OF BIOTITE AND HORNBLENDE UP TO 6mm IN SIZE.							
30.5	33.2			SILICA - BLACK PARTING (BIOTITE?) AT 10° to C. - PINK PATCHES OF WHITE AND PINK FELDSPAR - MINOR PYRITE	~~11466~~	~~31.7~~	~~33.2~~				
		30.7	31.4	FRAGMENTED - SAND/MUD - To 4cm							
		31.7	33.2	PARTLY FRAGMENTED - GREY SILICA SLIGHT GREEN CHLORITE ON PARTINGS 80° to C - INCREASING PYRITE							

MAIN DIV. from (m)	MAIN DIV. to (m)	MINOR DIV. from (m)	MINOR DIV. to (m)	DESCRIPTION	SAMPLE NUMBER	INTERVAL from (m)	INTERVAL to (m)	ASSAYS ppb Au	ASSAYS ppm Cu	ASSAYS ppm Mo	ASSAYS ppm As
		31.7	33.2	CONT. - MINOR CHALCOPYRITE	111466	31.7	33.2	449	320	98	10
33.2	33.5			DIORITE - ALTERED SHEARED	67	33.2	33.7	38	92	20	18
				FOLIATION 80° to C.	68	33.7	34.9	122	169	38	92
33.5	35.4			SILICA - BROWN BIOTITE BANDS	69	34.9	35.6	4	394	18	143
				FOLIATION 45° to C.	70	35.6	36.2	23	117	35	40
				SILICA IS GREY, BLUE WITH	71	36.2	37.3	2	123	17	8
				BLACK PARTINGS - PINK PATCHES							
				OF FELDSPAR WITH 2-3% PYRITE							
				AND LESS CHALCOPYRITE (1%?)							
		AT 35.2		PATCH OF PINK FELDSPAR WITH							
				20% DISSEMINATED PYRITE							
35.4	35.6			DYKE - VERY FINE GRAINED GREY							
35.6	36.0			AS ABOVE (33.5-35.4) WITH							
				30% IRREGULAR QUARTZ							
				50-55° to C.							
36.0	36.8			AS 33.5-35.4 WITH MINOR QUARTZ							
36.8	38.3			STRONG SILICIFICATION BUT							
				RELATIVELY HOMOGENIOUS ROCK							
				VERY FINE GRAINED - PROBABLE							
				GREY DYKE.							
38.3	45.6			DIORITE - ALTERED							
				SILICIFIED - BROWN STREAKS							
				AND PATCHES (BIOTITE?) 45°							
				to C. INDISTINCT 1-3 mm							
				ROUNDED FELDSPARS.							
45.6	47.0			DIORITE MEDIUM GRAINED							
				PORPHYRYTIC							
		AT	47.0	END QUARTZ 80° to C.							

MAIN DIV. from (m)	MAIN DIV. to (m)	MINOR DIV. from (m)	MINOR DIV. to (m)	DESCRIPTION	SAMPLE NUMBER	INTERVAL from (m)	INTERVAL to (m)	ppb ASSAYS Au	ppm Cu	Mo	As
47.0	53.4			SILICA AND BROWN BIOTITE 60% AT 80° to C - ALTERED SEDIMENT	111472	47.0	48.4	11	141	22	44
				- MUCH FRACTURING 10, 90° to C.	73	48.4	50.0	1	120	8	23
				STRIATIONS ON SEVERAL SURFACES	74	50.0	50.9	17	163	19	11
				MUD (1-2cm) 80° to C - MUCH	75	50.9	52.2	1	119	11	4
				FRACTURING - 2 TO 3% PYRITE	76	52.2	53.2	4	204	17	22
				AND CHALCOPYRITE - ONE 1/2cm	77	53.2	54.6	3	90	6	12
				STRINGER OF CHALCOPYRITE.							
		49.1	49.4	FRAGMENTED SAND TO 1cm	78	55.9	56.7	41	320	10	16
		50.2	50.3	MUD AND SAND, FRAGMENTS	79	56.7	57.7	2	269	14	26
				OF HORNFELS.	80	57.7	58.1	5	222	5	33
53.4	55.6			DIORITE - MEDIUM GRAINED	81	58.1	60.1	3	112	5	36
		AT	55.6	2-3cm QUARTZ 50° to C	82	60.1	61.7	2	125	10	30
				LOWER CONTACT - ABRUPT CHANGE	83	61.7	63.0	2	66	13	12
55.6	58.0			SILICA AS 47.0-53.4 BUT	84	63.0	64.4	21	113	24	210
				BANDING 0 TO 30° to C.	111485	64.4	65.9	21	129	29	8
58.0	62.7			FRAGMENTED SAND TO 4cm							
				FRAGMENTS ARE MOSTLY BRECCIA							
				SCATTERED PYRITE (2-3%?)							
				MINOR CHALCOPYRITE.							
				INCREASING BIOTITE							
62.7	66.2			BRECCIA OF SILICA AND BIOTITE							
				INTERSTITIAL PYRITE (2%?)							
END											

PROJECT: ORKO GOLD CORP BONAPARTE GOLD MINE	NTS Map Number: 92P1 92P083 Mining Division: KAMLOOPS	Drilling by: CONNORS Date: Logged by: E. LIVGARD	DRILL HOLE: 98#16
COLLAR LOCATION: 4063E, 8200N	AZIMUTH: W DIP: -55°	ELEVATION: TOTAL LENGTH: 44.5'	PAGE: 1 OF 3

MAIN DIV.		MINOR DIV.		DESCRIPTION	SAMPLE NUMBER	INTERVAL		ASSAYS			
from (m)	to (m)	from (m)	to (m)			from (m)	to (m)				
0	6.1			CASING							
6.1	10.9			DIORITE - ALTERED LEACHED AND FRIABLE IN PART AND BRECCIATED - A FEW SILICIFIED SECTIONS - CHLORITE ON FRACTURE SURFACES - MINOR DISSEMINATED PYRITE.							
		6.6	10.9	FRAGMENTED SAND TO 5cm							
10.9	11.8			DIORITE - VERY LIGHT FINE GRAINED - GREENISH TINGE SERECITATION.							
11.8	12.2			FAULT ? SAND AND FRAGMENTS							
12.2	18.2			BRECCIA OF DIORITE, FRIABLE FRAGMENTS SAND TO 4cm VERY MINOR PYRITE.							
		15.5	17.3	FRACTURE AT 30° to C AT WHICH BRECCIA CHANGES FROM DARK TO LIGHT COLOURED 10% OF FRAGMENTS ARE SILICA.							

MAIN DIV. from (m)	MAIN DIV. to (m)	MINOR DIV. from (m)	MINOR DIV. to (m)	DESCRIPTION	SAMPLE NUMBER	INTERVAL from (m)	INTERVAL to (m)	ppb ASSAYS Au	Cu		
18.2	29.3			DYKE GREY GROUNDMASS WITH 20% (2) BIOTITE AND WHITE FELDSPAR SUB ROUNDED AND PARTLY INDISTINCT OUTLINE							
		20.2	20.7	BRECCIA IS SILICA FRAGMENTS AND ESSENTIALLY (?) DIORITE GROUNDMASS.	111428	20.2	20.8	5	169		
		22.7	23.6	20% QUARTZ VERY IRREGULAR 45° to C AND FRAGMENTS							
		AT	23.6	1-2 cm GRUGE ZONE 90° to C AND 55° to C.							
		24.3	24.6	BRECCIA - MAINLY WHITE AND BLUE SILICA - 0.5% MOLYBDENITE MINOR PYRITE							
		ABOUT	25.7	FRACTURES 20° to C 2mm WIDE BLUE QUARTZ WITH MINOR MOLYBDENITE CHALCOPYRITE							
		AT	29.3	5 cm QUARTZ AND FRAGMENTS							
29.3	34.0			DIORITE PORPHYRYTIC FINE GRAINED WITH PHENOCRYSTS TO 0.4 cm - QUARTZ STRINGERS PARALLEL TO CORE 1/2 - 2 cm WIDE.							
		AT	30.1	MOVEMENT 70° to C - STRIATIONS SILICA 5 cm ON EACH SIDE							
		30.1	30.4	DENSE FRACTURING - ALMOST BRECCIATION.							

MAIN DIV. from (m)	MAIN DIV. to (m)	MINOR DIV. from (m)	MINOR DIV. to (m)	DESCRIPTION	SAMPLE NUMBER	INTERVAL from (m)	INTERVAL to (m)	ppb ASSAYS Au
34.0	43.7			STRONG SILICIFICATION WITH BROWN	111429	34.0	35.0	5
				REDDISH BANDS - BIOTITE? AND/OR	30	35.0	35.4	5
				PINK FELDSPAR - UPPER CONTACT	31	35.4	36.4	5
				4 cm GRUGE AND BAND 80° to C	32	36.4	37.7	5
				BLUE QUARTZ WITH 1% PYRITE				
		34.0	35.0	FRAGMENTS 1/4 - 5 cm DARK	111433	41.5	42.7	5
				GREEN TO BLACK SURFACES OF	34	42.7	43.9	240
				CHLORITE - 1% PYRITE.				
		35.4	37.7	SILICA 60% IS DARK BLUE				
				TO ALMOST BLACK - SOME				
				GREY-TAN - 10% BROWN AND				
				REDDISH BIOTITE? AND/K FELSPAR?				
		37.7	43.7	SILICA LIGHTER GREY-BLUE				
				10-20% REDDISH BANDS OF				
				FELDSPAR? VERY IRREGULAR				
				35° AND 60° to C - MINOR PYRITE				
		38.2	38.3	DYKE 60° to C - GREY GREEN				
				WITH GREEN FLECKS.				
		40.3	40.5	SILICA DARK BLUE				
		42.3	43.7	INCREASING DARK BLUE				
				SILICA 50% WITH REDDISH				
				BANDING 70-80° to C. - INCREASING				
				PYRITE WITH MINOR CHALCOPYRITE				
43.7	44.2			BRECCIA - SILICA FRAGMENTS				
				IN BROWN "DIRTY" GROUNDMASS				
			AT	43.7 FAULT 80 TO 85° to C.				
44.2	44.5			DIORITE MEDIUM GRAINED				
				FRESH - CONTACT 45° to C				

END

PROJECT: ORKO GoldCorp BONAPART GOLD MINE	NTS Map Number: 92P/1 TRIM 92P008 Mining Division: KAMLOOPS	Drilling by: CONNORS Date: Logged by: E. LIVGARD	DRILL HOLE: 98#17
COLLAR LOCATION: 4063E, 8200N	AZIMUTH: W DIP: -75°	ELEVATION: TOTAL LENGTH: 45.1	PAGE: 1 of

MAIN DIV. from (m)	MAIN DIV. to (m)	MINOR DIV. from (m)	MINOR DIV. to (m)	DESCRIPTION	SAMPLE NUMBER	INTERVAL from (m)	INTERVAL to (m)	ASSAYS ppb Au	ASSAYS ppm Cu	ASSAYS ppm Mo	ASSAYS ppm Ag
0	4.6			CASING							
4.6	8.4			SILICA - SILICIFIED DIORITE							
				GREY BLUE WITH WAVY BANDS	11435	4.6	5.9	5	149	54	
				OF BROWN-RED BIOTITE (MICROCL	36	5.9	6.7	5	138	43	
				AND/OR FELDSPAR.	37	6.7	7.6	5	150	57	
				FRACTURING 45° to C	38	7.6	8.4	25	175	188	1.4
				FOLIATION 10° to C TENDING AT							
				FRACTURES TO 45° to C.							
		ABOUT	7.6	A FEW BLUE QUARTZ STRINGERS							
				10° to C - WIDTH 1-2 CM WITH PYRITE							
				1-2%, MINOR CHALCOPYRITE							
				- SOME BLACK SOOTY IRREGULAR							
				STAIN (MANGANESE?)							
		AT	4.8	15 CM MUD } 0.7m CORE LOSS							
		AT	7.8	3 CM MUD }							
8.4	8.55			QUARTZ VEIN 55° to C - PYRITE							
				AND CHALCOPYRITE 1%							
				MINOR MOLYBDENITE							

MAIN DIV. from (m)	MAIN DIV. to (m)	MINOR DIV. from (m)	MINOR DIV. to (m)	DESCRIPTION	SAMPLE NUMBER	INTERVAL from (m)	INTERVAL to (m)	ASSAYS ppb Au	ASSAYS ppm Cu		
8.55	17.9			DIORITE - MEDIUM GRAINED PHENOCRYSTS TO 0.6CM							
		9.5	12.0	FRAGMENTED 2-10CM SOME LEACHED SLIGHTLY SANDY PATCHES.							
		12.6	13.1	MINOR SHEAR FOLIATION 45° TO C							
		16.3	18.2	FRAGMENTED 1-10CM							
		16.3	16.9	FRAGMENTS 5% BLUE QUARTZ	111439	16.3	16.9	65	204 ~~178~~		
17.9	26.1			DYKE - GREY BLUE GROUNDMASS WITH 30% BIOTITE AND 10% WHITE FELDSPAR PHENOCRYSTS TO 0.6CM - FREQUENT BLUE QUARTZ STRINGERS 1/2-2 CM 0-10°, 45° TO C OR BLEBS WITH 2% PYRITE AND MINOR CHALCOPYRITE AND POSSIBLY MOLYBDENITE ALSO BLACK SOOTY MINERAL (Mn) FRACTURING 45° TO C.	~~111~~ 111440	18.2	19.5	5	178		
					41	19.5	20.7	5	226		
					42	20.7	22.2	5	207		
		18.2	26.1	ABOUT 3-5 NARROW QUARTZ STRINGER PER METRE.. SOME CALCITE?							
26.1	30.7			BRECCIA - DYKE FRAGMENTS FINE TO 4CM - MINOR BLUE QUARTZ AND OCCASIONAL SILICA FRAGMENTS - MINOR PYRITE.							

98-#17 PAGE 3

MAIN DIV. from (m)	MAIN DIV. to (m)	MINOR DIV. from (m)	MINOR DIV. to (m)	DESCRIPTION	SAMPLE NUMBER	INTERVAL from (m)	INTERVAL to (m)	ASSAYS ppb Au	ASSAYS ppm Cu		
30.7	33.0			BRECCIA - DIORITE FRAGMENTS AND GROUNDMASS							
33.0	34.4			BRECCIA - MOSTLY SILICA AND A FEW DYKE FRAGMENTS	111443	32.9	34.1	5	185		
					44	34.1	35.0	90	212		
		34.2	34.4	MUD AND FRAGMENTS	45	35.0	36.0	5	206		
34.4	36.4			SILICA - GREY MINOR WHITE QUARTZ 1-2% VERY FINE GRAINED DISSEMINATED PYRITE AND MINOR CHALCOPYRITE.	46	36.0	36.4	5	81		
		36.0	36.4	LIGHT BLUE WHITE SILICA							
36.4	37.7			BRECCIA - DIORITE FRAGMENTS TO 6cm							
		37.3	37.7	35% QUART - WHITE LESS BLUE MINOR PYRITE							
37.7	39.0			DIORITE MEDIUM GRAIND PORPHYRITIC - WELL FRACTURED							
39.0	40.9			SILICIFIED SHEARED DIORITE FOLIATION 45° to C 70% BROWN-RED (STAINED?) - A FEW 1/2cm BLUE QUARTZ STRINGERS IN FOLIATION.	?						
		40.9	41.0	MUD.							
		41.0	41.2	QUARTZ WITH MINOR PYRITE							
41.2	45.1			DIORITE - SHEARING AND BRECCIATION FRACTURING 45° to C - SILICIFICATION							
END											

-18 #18 P1

PROJECT: ORKO GOLD CORP BONAPART GOLD	NTS Map Number: 92P1 92P/08E Mining Division: KAMLOOPS	Drilling by: CONNORS Date: Logged by: E. LIVGARD	DRILL HOLE: 98 #18
COLLAR LOCATION: 8200N	AZIMUTH: NORTH DIP: -45°	ELEVATION: TOTAL LENGTH: 59.5	PAGE: 1 of 4

MAIN DIV. from (m)	MAIN DIV. to (m)	MINOR DIV. from (m)	MINOR DIV. to (m)	DESCRIPTION	SAMPLE NUMBER	INTERVAL from (m)	INTERVAL to (m)	ASSAYS ppb Au	ASSAYS ppm Cu	ASSAYS ppm Mo	ASSAYS ppm As
0	3.1			CASING							
3.1	6.0			DIORITE - MEDIUM GRAINED PORPHYRYTIC							
6.0	8.5			SILICA + BROWN IRREGULAR BANDS OF BIOTITE 55° TO C ALTERED SEDIMENT? 1-2% PYRITE MINOR MOLYBDENITE - SOME FINE BANDING: BIOTITE 1mm, BLUE QUARTZ 2-3mm. LOWER CONTACT 36° TO C. - MOVEMENT SLICKENSIDES.	113701	10.1	11.3	10	131	73	20
					02	11.3	12.8	5	165	141	<5
8.5	9.8			DIORITE AS ABOVE	03	12.8	14.1	5	127	59	<5
		9.2	9.3	SHEARING - SILICA + CHLORITE	04	14.1	15.4	5	134	60	10
9.8	21.4			DIORITE - SILICIFIED	05	15.4	16.9	10	163	120	5
				RECRYSTALLIZED - FINE GRAINED	06	16.9	17.9	25	169	154	455
				LIGHT GREY GREEN AND	07	17.9	19.1	5	200	154	25
				GREEN SPECKS MINOR	08	19.1	20.2	5	224	128	10
				BIOTITE IN FINE BANDS 36-40° TO C	09	20.2	21.4	5	221	176	15
				- VERY FINE GRAINED PYRITE, PYRRHOTITE AND CHALCOPYRITE - TOTALING 1%							

48418 PAGE 2

MAIN DIV. from (m)	MAIN DIV. to (m)	MINOR DIV. from (m)	MINOR DIV. to (m)	DESCRIPTION	SAMPLE NUMBER	INTERVAL from (m)	INTERVAL to (m)	ppb Au	ppm Cu	ppm Mo	ppm As
9.8	21.4			CONT. ALSO SMALL SULPHIDE LENSES IN FOLIATION.							
		AT	12.0	5cm DIORITE							
			12.6	" "							
				SULPHIDE CONTENT INCREASES DOWNWARD TO 2% MOSTLY PYRITE - DARK BLUE BORNITE?							
		15.8	16.2	DIORITE REMNANT.							
		17.9	18.3	SEVERAL FRACTURES 10° to C.							
		18.3	21.5	SEVERAL MINERALIZED QUARTZ STRINGERS 1/2-4cm. 0-10° to C. AND 50° to C.							
21.5	22.4			QUARTZ VEIN 28° to C	113710	21.4	22.4	10	538	48	5
				85% QUARTZ 1-2% PYRITE MINOR CHALCOPYRITE	11	22.4	23.0	10	218	418	285
22.4	22.9			SILICA WITH 1/2% PYRITE MINOR EPIDOTE AT LOWER CONTACT.	12	23.7	24.4	5	97	28	5
22.9	23.8			DIORITE - MEDIUM GRAINED PORPHYRYTIC - LIGHT SERICITIC ALTERATION							
23.8	24.5			QUARTZ VEIN 10° to C. MINOR SULPHIDES. LAST 20cm QUARTZ-FELDSPAR-MUSCOVITE.							
24.5	31.3			DIORITE MEDIUM GRAINED LIGHT CHANGING TO DARK.							

MAIN DIV. from (m)	MAIN DIV. to (m)	MINOR DIV. from (m)	MINOR DIV. to (m)	DESCRIPTION	SAMPLE NUMBER	INTERVAL from (m)	INTERVAL to (m)	ASSAYS ppb Au	ASSAYS ppm Cu	ASSAYS ppm Mo	ASSAYS ppm As
24.5	31.3			CONT.							
		27.0	27.1	SILICA AND QUARTZ STRINGER							
				3cm WITH 10% CHALCOPYRITE							
		27.5	29.7	SILICIFIED							
		28.4	29.0	LIGHT SILICIFICATION							
		31.3	31.5	FRAGMENTED SAND-MUD							
				MINOR FAULT 50° to C							
31.5	50.0			SILICA-(BIOTITE) BANDING - PINK	113718	31.3	32.6	10	127	100	<5
				FELDSPAR 50° to C.	14	32.6	34.0	10	152	86	<5
				DARK BLUE BLACK PATCHES	(MISSING TAG) 15	34.0	35.2	120	181	46	<5
				LENSES OF QUARTZ BEINGEN	16	35.2	36.2	25	168	77	15
				PINK BANDS.	17	36.2	37.4	15	140	69	<5
				1% PYRITE, MINOR CHALCOPYRITE	18	37.4	37.8	5	165	92	30
				AND PYRRHOTITE.	19	37.8	40.3	10	157	114	65
		32.0	32.6	LARGE FRAGMENTS 10° AND 40° to C	20	40.3	41.6	15	153	99	10
				BLACK CHLORITE ON SURFACES	21	41.6	43.0	10	139	59	5
		34.7	36.8	FRAGMENTS 2-5cm, FRACTURING	22	43.0	44.3	15	184	91	<5
				PARALLEL AND 50° to C.	23	44.3	45.8	5	141	94	<5
				MUD AND SAND	24	45.8	47.2	10	214	148	<5
		35.0	35.1	BLUE QUARTZ FRAGMENTS	25	47.2	48.5	10	244	113	105
		36.8	37.0	DARK SAND AND MUD 80° to C	113726	48.5	50.0	10	170	88	135
				(SMALL FAULT)							
		37.3	37.5	WHITE LIGHT BLUE CARBONATE							
		37.8	38.0	DIORITE - SILICIFIED							
		48.7	46.4	FRACTURING 30°, 40° to C							
				BLACK CHLORITE.							

MAIN DIV. from (m)	MAIN DIV. to (m)	MINOR DIV. from (m)	MINOR DIV. to (m)	DESCRIPTION	SAMPLE NUMBER	INTERVAL from (m)	INTERVAL to (m)	ASSAYS
50.0	52.7			DYKE - VERY LIGHT GREY APHANITIC GROUNDMASS WITH 30-35% WHITE FELDSPAR PHENOCRYSTS 1-5 mm.				
52.7	59.5			DIORITE VERY FINE GRAINED AND VERY LIGHT. BIOTITE FOLIATION 30-40° to C VERY SLIGHTLY PORPHYRYTIC				
END								
		52.3	56.4	DYKE VERY FINE GRAINED GREY 43° to C.				

PROJECT: ORKO GOLD CORP. BONAPART GOLD MINE	NTS Map Number: 92 P/1 92P008 Mining Division: KAMLOOPS	Drilling by: CONNORS Date: JUNE 24-27/98 Logged by: E. LIVGARD	DRILL HOLE: 98#19
COLLAR LOCATION: 9225N, 4065E	AZIMUTH: W DIP: -45°	ELEVATION: TOTAL LENGTH: 95.1	PAGE: 1 of 9

MAIN DIV. from (m)	MAIN DIV. to (m)	MINOR DIV. from (m)	MINOR DIV. to (m)	DESCRIPTION	SAMPLE NUMBER	INTERVAL from (m)	INTERVAL to (m)	ppb ASSAYS Au
0	3.0			CASING				
3.0	5.2			FRAGMENTED - SAND TO 5cm	111368	3.0	5.2	5
				HIGHLY OXIDIZED - APPEARS	69	5.2	6.7	5
				TO BE BLACK SEDIMENTARY	70	6.7	7.5	10
				- MUCH PYRITE - SOME	71	7.5	8.2	15
				FRAGMENTS ARE HIGHLY	72	8.2	9.8	35
				SILICEOUS WITH 1% PYRITE	73	9.8	11.5	20
5.2	6.7			FRAGMENTED - SAND TO 5cm	74	11.5	12.8	5
				BLACK FRAGMENTS - SEDIMENTARY	75	12.8	14.4	10
				- PYRITE AND OCCASIONAL	111376	14.4	15.6	10
				CHALCOPYRITE - 1%?				
				ONE FRAGMENT OF BLACK				
				PIECES CEMENTED WITH				
				CALCITE (TRAVERTINE?) A				
				FEW FRAGMENTS OF DIORITE				
6.7	6.9			MUD - FAULT?				
				(6.7-8.2 0.3m CORE LOSS)				
6.9	7.4			DIORITE - ALTERED INDISTINCT				
				CRYSTALS - FRACTURING 60° TO C.				

MAIN DIV. from (m)	MAIN DIV. to (m)	MINOR DIV. from (m)	MINOR DIV. to (m)	DESCRIPTION	SAMPLE NUMBER	INTERVAL from (m)	INTERVAL to (m)	ASSAYS
		7.4	7.5	GRADUAL INCREASE IN ALTERATION TO SILICA AND BROWN-RED HAZY BANDS OF 60° TO C BIOTITE - SOME GNEISSIC FELDSPAR - 1% PYRITE MINOR CHALCOPYRITE - DENSE FRACTURING (ALMOST BRECCIA)				
7.4	11.5			SILICA AND RED-BROWN BANDS AND SOME GREEN TINGED (chl) ,SERICITIC(?) BANDS 1% PYRITE = ALTERED DIORITE ???				
		8.2	9.9	FRAGMENTS - SAND TO 4cm AS ABOVE - MUCH PYRITE ON FRACTURES. AS ABOVE				
		9.9	11.5	FRAGMENTED - MOSTLY SAND TO 2-3cm - 3 PIECES 12cm WHICH ARE A BRECCIA - MUCH BLACK CHLORITE ON FRAGMENT SURFACES AS ABOVE				
11.5	14.4			SEDIMENTARY(?) BLACK PARTLY SILICIOUS - FOLIATION 52° to C.				
		11.5	12.8	FRAGMENTED 1-4cm				
		AT	12.8	3cm MED.				
14.4	20.2			MUCH SILICA LIGHT COLOUR MINOR PYRITE AND CHALCOPYRITE <1/2%. FRACTURING 15°, 28°, 50° TO C				

MAIN DIV. from (m)	MAIN DIV. to (m)	MINOR DIV. from (m)	MINOR DIV. to (m)	DESCRIPTION	SAMPLE NUMBER	INTERVAL from (m)	INTERVAL to (m)	ppm ASSAYS Au	As	Ag	
20.2	24.6			DARKER 50% TO 40° BROWN	111377	20.2	21.5	15	10	<.2	
				REDDISH ~~RD~~ (SILICIOUS IN PART)	78	21.5	22.9	5	<5	<.2	
				ROCK (BIOTITE) AND WHITE	79	22.9	23.2	.065oz	195	0.4	2:22 Au g
				GREY BLUEISH SILICA -	80	23.2	24.6	5	130	<.2	
				PTYGMATICALLY FOLDED	~~111381~~						
				1mm WIDE QUARTZ STRINGERS							
				~~tr~~ - 2-3% PYRITE MINOR							
				CHALCOPYRITE.							
				- ALTERED SEDIMENT? -							
		22.9	23.0	QUARTZ VEIN 80° TO C. NO							
				SULPHIDES VISIBLE.							
		23.0	23.2	FRAGMENTED SAND TO 4cm							
				SURFACE HAVE BLACK CHLORITE							
		23.5	23.7	FRAGMENTED - FRIABLE							
24.6	30.3			LIGHTER SILICA - 20-30%							
				BIOTITIC 70-80% SILICA							
				MINOR PYRITE - BANDING							
				VERY IRREGULAR - FRACTURES							
				45° to C. PYRITE ON ALL							
				(BLACK) FRACTURE SURFACES							
				- WHITE CALCITE? (TRAVERTINE)							
		25.5	25.8	FRAGMENTED - SAND TO 4cm	111381	25.5	25.8	35	35	0.2	
				LIGHT SILICA + 5cm QUARTZ							
				55-60° TO C.							
		26.2	26.5	PARTLY "REGULAR" FOLIATION							
				ABOUT 35° TO C.							
		26.5	26.8	QUARTZ STRINGER - FOLDED							
				FOLIATION							

MAIN DIV. from (m)	MAIN DIV. to (m)	MINOR DIV. from (m)	MINOR DIV. to (m)	DESCRIPTION	SAMPLE NUMBER	INTERVAL from (m)	INTERVAL to (m)	ppb ASSAYS Au	As	Ag	ppm
		AT	26.8	FOLIATION VERY IRREGULAR							
				PARALLEL TO C.							
		FROM	28.0	INCREASING BIOTITE							
				INCREASING FRACTURING AND							
				FRAGMENTATION WITH BLACK							
				CHLORITE AND PYRITE ON							
				SURFACES - MINOR DISSEMINATED							
				PYRITE.							
		30.0	30.3	MINOR FAULT MINOR GOUGE							
				BRECCIATED SILICA AND 10%							
				IRREGULAR QUARTZ.				4.5%			
30.3	30.5			DYKE - GREY WHITE BLOTCHY	111382	30.5	31.6	0.132%	<5	1.6	
				GROUND MASS - BIOTITE 1-2mm	83	31.6	32.8	20	40	<.2	
30.5	36.7			SILICA AND BIOTITE (AND/OR RED	84	32.8	34.1	5	<5	"	
				STAINED SILICA) OCCASIONAL	85	34.1	35.2	5	10	"	
				QUARTZ STRINGERS AND	86	35.2	36.7	5	30	"	
				DISTURBED FOLIATION - 2% PYRITE	87	36.7	38.0	5	85	"	
		30.5	31.3	MINOR DISTURB. - 5% IRREGULAR	88	38.0	39.3	45	<5	"	
				QUARTZ 2% PYRITE MINOR	89	39.3	40.5	170	10	.6	
				CHALCOPYRITE.	90	40.5	41.3	.092%	15	1.0	
36.7	41.4			BRECCIA - MOSTLY BLUE				3.15%			
				SILICA 60-70% REDDISH							
				BROWN COLOUR IS MORE							
				DIFUSED LOOK LIKE A							
				RED STAIN - 2-3% PYRITE							
		40.5	41.4	LIGHT - REDDISH TINGE							
				MOSTLY SILICA.							

98#19 PAGE 5

MAIN DIV. from (m)	MAIN DIV. to (m)	MINOR DIV. from (m)	MINOR DIV. to (m)	DESCRIPTION	SAMPLE NUMBER	INTERVAL from (m)	INTERVAL to (m)	ppb ASSAYS Au	Au	Ag	
		40.8	41.0	QUARTZ VEIN - LOWER CONTACT 50° to C - NO VISIBLE SULPHIDES							
41.4	42.3			DIORITE - PORPHYRYTIC PHENOCRYSTS TO 0.8cm FRACTURING 50° AND 65° to C							
42.3	42.6			DYKE - GREY GROUNDMASS 1mm WHITE SUBROUNDED FELDSPAR PHENOCRYSTS MINOR VERY FINE GRAINED PYRITE.							
42.6	43.5			DIORITE - AS ABOVE							
43.5	52.3			SILICIFICATION WITH NAVY RED -BROWN BIOTITE 40% VERY IRREGULAR 70° to C, AND 40° C DISSEMINATED PYRITE 1%	111391	51.1	51.6	15	15	0.2	
		43.5	44.2	QUARTZ STRINGER - IRREGULAR 10% - 30° to C							
		46.1	46.3	MND							
		46.3	46.7	30% IRREGULAR QUARTZ WHITE							
		47.5	47.8	MAINLY HOMOGENIOUS GREY VERY FINE GRAINED - DYKE?							
		49.0	49.6	10% IRREGULAR QUARTZ.							
		51.1	51.5	FRACTURE - 5cm IRREGULAR QUARTZ							

MAIN DIV. from (m)	MAIN DIV. to (m)	MINOR DIV. from (m)	MINOR DIV. to (m)	DESCRIPTION	SAMPLE NUMBER	INTERVAL from (m)	INTERVAL to (m)	ppb ASSAYS Au	As	PPM Ag	
52.3	52.5			DYKE - HOMOGENOUS GREY - REDDISH STAIN VERY FINE GRAINED							
52.5	56.1			DIORITE - FINE GRAINED PORPHYRYTIC - WHITE FELDSPAR PHENOCRYSTS 1 - 4 mm WEAK FOLIATION 45° to C BY ALIGNED BIOTITE.							
		54.2	54.5	DYKE 47° to C (IN FOLIATION) 20% QUARTZ IN VEIN AND IRREGULAR BLEBS 2-3% FINELY DISSEMINATED PYRITE.							
		FROM 54.5		RED STAINED DIORITE - GRADUALLY GETTING FOLIATION 35° TO 45° to C.							
56.4	56.4			DYKE FINE GRAINED GREY BLOTCHY LIGHT AND DARKER.	111842	56.4	57.5	30	25	<.2	
					93	57.5	59.2	20	40	4	
56.4	59.2			SILICA AND BROWN-RED STREAKS PRONOUNCED FOLIATION 35° to C. - DIORITE WITH 10-20% QUARTZ							
		56.7	57.3	5cm QUARTZ VEIN AND PATCHY BLUE STREAKS of MOLYBDENITE 2-3% PYRITE IN 10% QUARTZ							
		57.3	57.5	REMENANT DIORITE WITH PHENOCRYSTS							
59.2	66.6			DIORITE MEDIUM GRAINED PORPHYRYTIC - SUBROUNDED GRAINS							

MAIN DIV. from (m)	MAIN DIV. to (m)	MINOR DIV. from (m)	MINOR DIV. to (m)	DESCRIPTION	SAMPLE NUMBER	INTERVAL from (m)	INTERVAL to (m)	ASSAYS
		60.1	61.3	DIORITE WITH 30% QUARTZ IN 3 VEINS - VEINS ARE FRAGMENTED 1-6 cm				
		61.6	62.5	FINE GRAINED DIORITE				
		62.5	66.5	DIORITE MEDIUM GRAINED SUB ROUNDED FELDSPARS.				
66.5	67.7			DYKE VERY FINE GRAINED GREY - GROUNDMASS WITH 8% BIOTITE AND WHITE FELDSPAR PHENOCRYSTS 1-6 mm WEAK FOLIATION 40° to C				
67.7	74.2			SILICA AND BROWN-RED BANDS 40% 30° to C. 3-2% PYRITE AROUND 70m FOLIATION IS PARALLEL TO CORE.				
		70.0	70.3	QUARTZ BLUE AND WHITE AND PINK FELDSPAR - STRINGER				
		71.0	71.9	CHLORITE AND EPIDOTE WITH THE SILICA - 30% BLUE QUARTZ IN VEIN 10° to C AND BLEBS				
		71.9	76.0	BLUE SILICA BROWN BANDS IREGULAR - ALSO QUARTZ STRINGERS WITH MOLYBDENITE ALSO PYRITE 1% AND A FEW CRYSTALS of ARSENOPYRITE @ AROUND 73.5 m				
74.2	74.4			BRECCIATED - ROCK AS ABOVE				

MAIN DIV. from (m)	MAIN DIV. to (m)	MINOR DIV. from (m)	MINOR DIV. to (m)	DESCRIPTION	SAMPLE NUMBER	INTERVAL from (m)	INTERVAL to (m)	ppb ASSAYS Au	ASSAYS As	ppm ASSAYS Ag	
74.4	76.0			SILICA AND BIOTITE AS 67.7 TO 74.2	111394	67.7	68.8	10	90	<.2	
76.0	84.5			BRECCIATED - ROCK AS ABOVE	95	68.8	70.0	15	80	"	
		77.1	82.0	MORE IRREGULAR WAVY BANDS	96	70.0	71.4	40	785	.2	
				IN PART BRECCIATED	97	71.4	72.9	15	180	<.2	S1
				- ALL FRAGMENTED (20 PIECES	98	72.9	74.1	5	350	"	
				5-12 cm) MUD TO SAND AND	111399	74.1	75.2	20	160	"	
				MP TO 4 CM - CHLORITE ON	111414	75.2	76.8	60	25	"	
				SURFACES - 1% PYRITE	15	76.8	78.2	5	25	"	
		82.0	82.9	BRECCIA OR DENSELY	16	78.2	79.9	95	10	"	BRECCIA
				FRACTURED - SILICA WITH	17	79.9	82.0	85	25	"	
				A GREEN TINGE - 15% BIOTITE	18	82.0	83.2	20	10	"	
		82.9	83.0	MUD AND FRAGMENTS.	19	83.2	84.5	20	30	"	
		83.0	85.0	BRECCIA WITH ROUNDED	20	84.5	86.0	10	10	"	DIO BRECCIA
				FRAGMENTS - FRACTURE 30° to c	21	86.0	87.4	45	225	"	
				- GREY-BLACK "MUDDY" LOOKING	22	87.4	88.6	385	100	"	S1
				GROUNDMASS - SILICA WHITE	23	88.6	89.9	10	125	0.4	
				AND RED TINGED	24	89.9	91.2	5	70	<.2	
		83.2	84.4	FIRST MOSTLY GROUNDMASS	25	91.2	92.4	5	35	"	
				THEN INCREASING FRAGMENTS	26	92.4	93.4	5	70	"	
				TO 100% - CRACKLE BRECCIA.	27	93.4	95.1	20	135	"	
		84.4	84.55	BRECCIA WITH ROUNDED			END				
				FRAGMENTS AND 50%							
				BLACK DIRTY GROUNDMASS -							
84.55	85.0			DIORITE BRECCIA							
				FAINT COLOURS INDICATE							
				SERECITIZATION - MINOR PYRITE							
85.0	85.9			DIORITE - 60° to c CONTACT							
				WELL FRACTURED							

MAIN DIV. from (m)	MAIN DIV. to (m)	MINOR DIV. from (m)	MINOR DIV. to (m)	DESCRIPTION	SAMPLE NUMBER	INTERVAL from (m)	INTERVAL to (m)	ASSAYS
85.9	87.3			BRECCIA - SILICA, BLACK AND WHITE AND REDTINGED FRAGMENTS 1-5 cm 1-2% DISSEMINATED PYRITE				
87.3	95.1			SILICA 60% BROWN RED BANDS 40% - HIGH PYRITE CONTENT TO 90m - 3%? ABOUT 88m A FEW STREAKES OF MOLYBDENITE				
END								
		93.0	95.1	≤ 1% pyrite.				

PROJECT: Eike Gold Corp Bonanza Gold Mine	NTS Map Number: 92F/1 92F 008 Mining Division: Kamloops	Drilling by: Connors Date: June 24th/96 Logged by: E. Lindsay	DRILL HOLE: HC96-21
COLLAR LOCATION:	AZIMUTH: W DIP: -45°	ELEVATION: 1668 TOTAL LENGTH: 15.2	PAGE: 1 of 2

MAIN DIV.		MINOR DIV.		DESCRIPTION	SAMPLE NUMBER	INTERVAL		ASSAYS ppb ppm			
from (m)	to (m)	from (m)	to (m)			from (m)	to (m)	Au	Cu	Zn	Mo
0	1.2			CASING - FRAGMENTAL PYRITE & MINOR CHALCOPYRITE	111341	CASING		5	373	303	7
1.2	6.5			CONTACT ZONE - HIGHLY SILICIFIED - CONSISTING OF LIGHT GREY SILICA AT TIMES WITH A LIGHT GREEN CAST - WAVY FLOWY BROWN BANDS OF BIOTITE (VARYING AMOUNTS) PYRITE 1-2% IN STREAK WITH REFERENCE FOR THE BIOTITE: - MINOR CHALCOPYRITE & METALLIC GREY SILVERY MINERAL ARSENOPYRITE? AND MINOR SPECKS OF BORNITE?	111335	1.2	2.1	5	162	181	46
					36	2.1	3.2	5	165	366	77
					37	3.2	4.6	5	216	430	144
					38	4.6	5.8	10	237	205	409
					39	5.9	7.3	5	254	140	102
					111340	7.3	8.2	5	223	149	68
		1.8	2.1	FRACTURING PARALLEL TO CORE - 50% FRAGMENTAL AND OXIDIZED SAND							

MAIN DIV. from (m)	MAIN DIV. to (m)	MINOR DIV. from (m)	MINOR DIV. to (m)	DESCRIPTION	SAMPLE NUMBER	INTERVAL from (m)	INTERVAL to (m)	ASSAYS
		AT 2.2		FRACTURE TO TO CORE. 2cm WIDE WITH QUARTZ WITH SULFIDES CONTAINING LIMONITE				
		2.5	3.5	FRAGMENTED 1-10 CM				
		3.5	4.9	INCREASED BIOTITE BANDS TO 50% - IRREGULAR 60° TO C.A.				
		4.9	5.2	50% QUARTZ - VERY IRREG. ABOUT 50° TO C.				
		5.2	5.5	FRAGMENTED VERY IRREG. BIOTITE - 5% PYRITE				
		6.6	6.9	HIGHLY ALTERED DIORITE REMANENT				
		5.2	5.2	INCREASING BIOTITE FOLIATION 30° TO C.A.				
		6.9	7.9	60° TO IRREGULAR BIOTITE				
		7.9	8.2	FRAGMENTED - BLACK CHLORITE ON SURFACES 2% PYRITE				
8.5	15.2			DIORITE MEDIUM GRAINED - PORPHYRITIC				
		9.7	10.7	PART FRAGMENTED - MAR AT 10.7 - MOVEMENT 25° to C.A.				
END								

PROJECT: ORKO GOLD CORP. BONAPART GOLD MINE	NTS Map Number: 92P/1 TRIM 92P008 Mining Division: KAMLOOPS	Drilling by: CONNORS Date: JUNE 24/98 Logged by: E. LIKKARD	DRILL HOLE: #98-22
COLLAR LOCATION: B200N, 4250E	AZIMUTH: W DIP: −60°	ELEVATION: 1688m TOTAL LENGTH: 18.6	PAGE: 1 of 2

MAIN DIV. from (m)	MAIN DIV. to (m)	MINOR DIV. from (m)	MINOR DIV. to (m)	DESCRIPTION	SAMPLE NUMBER	INTERVAL from (m)	INTERVAL to (m)	ppb ASSAYS Au	Cu	Zn	Mo
0	1.5			CASING							
1.5	6.5			HIGHLY ALTERED - TOTAL SILICIFICATION WITH WAVY BANDS OF V FINE GRAINED BIOTITE (?) - SOME SERICITE (?) PYRITE DISSEMINATED AND IN STREAKES THROUGHOUT (1%) - SPECKS OF CHALCOPYRITE	111401	1.5	2.1	5			
					02	2.1	3.6	5			
					03	3.6	4.8	5			
					04	4.8	6.5	15			
					05	6.5	7.3	5			
					06	7.3	8.2	5			
					07	8.2	9.5	5			
		1.5	2.1	CORE FRAGMENTED 1-10 cm	08	9.5	11.0	5			
				WAVY BIOTITE BANDS - SURFACES LIMONITE COVERED - FOLIATION DARK BROWN TO LIGHT - 1-4mm WIDE.	09	11.0	12.5	5	205	246	100
					10	12.5	14.0	5	195	146	20
					11	14.0	14.9	5	138	67	95
					12	14.9	16.2	5	74	50	20
		2.1	4.8	FOLIATION INDISTINCT BOUNDARIES 0°-40° to C. - FRACTURING 45° to C.	111413	16.2	18.3	5	112	11	27
		4.8	6.5	QUARTZ VEIN (70%) WITH CHLORITIC PATCHES - SOME SERICITE. LOWER CONTACT 35° to C - FRACTURE 65° to C.							

W < 10

MAIN DIV. from (m)	MAIN DIV. to (m)	MINOR DIV. from (m)	MINOR DIV. to (m)	DESCRIPTION	SAMPLE NUMBER	INTERVAL from (m)	INTERVAL to (m)	ASSAYS
6.5	7.3			DIORITE - LIGHTLY ALTERED SUB ROUNDED CRYSTALS LOWER CONTACT IRREGULARLY AT 45° to C. ~~LOWER CONTACT~~				
7.3	18.3			HIGHLY SILICIOUS WITH BROWN BIOTITE BAND 50-70% VERY IRREGULAR 90° TO 30° to C. 2% VERY FINE DISSEMINATED PYRITE THROUGHOUT. MINOR CHALCOPYRITE.				
		7.3	8.2	HIGHLY WAVY BIOTITE BAND 50% GREEN SILICATE				
		8.2	10.1	LESS WAVY BUT IRREGULAR FOLIATION 50° to C 1% DISSEMINATED PYRITE.				
		10.4	10.9	30% IN IRREGULAR STREAKS 0-35° to C				
		13.7	14.9	60% QUARTZ IN IRREGULAR STREAKS AND BLEBS.				
		16.7	18.6	0.4m CORE LOSS				
		15.3	16.2	0.3m CORE LOSS				
18.3	18.6			DIORITE - CONTACT AT 72° to C COARSE SHEAR FOLIATION AT 72°				
END								

PROJECT: ORKO GOLD CORP BONAPART GOLD MINE	NTS Map Number: 92P1 TRIM 92P008 Mining Division: KAMLOOPS	Drilling by: CONNORS Date: JUNE 25th/98 Logged by: E. LIVGARD	DRILL HOLE: 98#23
COLLAR LOCATION: 4262E 8175N	AZIMUTH: W DIP: -45°	ELEVATION: 1690m TOTAL LENGTH: 45.7	PAGE: 1 OF 4

MAIN DIV. from (m)	MAIN DIV. to (m)	MINOR DIV. from (m)	MINOR DIV. to (m)	DESCRIPTION	SAMPLE NUMBER	INTERVAL from (m)	INTERVAL to (m)	ppb ASSAYS Au			
0	4.0			CASING	111352	4.0	4.7	5			
4	24.2			DIORITE MEDIUM GRAINED	53	4.7	5.5	5			
				SLIGHT TENDENCY TO FOLIATION	54	5.5	6.3	5			
				PARALLEL TO CORE	55	6.3	6.9	5			
		4.0	6.6	QUARTZ STRINGERS 0-10° to C.	56	6.9	8.8	5			
				BLUE ~~Qtz~~ QUARTZ 0.2 TO 2 cm	57	8.8	10.0	5			
				WIDE WITH PYRITE AND	58	10.0	11.3	5			
				CHALCOPYRITE (50-50) 1-3%	59	11.3	12.4	5			
		6.6	6.8	COARSELY FRAGMENTED 1-10cm	60	12.4	13.0	5			
				30% QUARTZ HEAVILY ALTERED	61	13.0	13.5	5			
				DIORITE IN PART (CHLORITE)	62	13.5	14.5	10			
				SILICIFIED	111363	14.5	15.3	5			
		10.0	10.2	GREY SILICA							
		FROM	11.4	INCREASE IN BLUE QUARTZ							
				STRINGERS 0-20° TO C. WITH							
				PYRITE AND CHALCOPYRITE							
				1-2% WIDTH 0.1 TO 1.0 cm							
				A FEW AT 90° AND 40° to C							
		13.2	13.25	QUARTZ 90° to C							

#48-23 p2

MAIN DIV.		MINOR DIV.		DESCRIPTION	SAMPLE NUMBER	INTERVAL		ASSAYS			
from (m)	to (m)	from (m)	to (m)			from (m)	to (m)				
		13.25	13.55	BLUE (DUE TO MOLYBDENITE?) QUARTZ STRINGERS PARALLEL TO CORE 1/2 TO 2 cm WIDE WITH 3% PYRITE AND 2% CHALCOPYRITE - ALSO A PARALLEL STRINGER-SPACING 3 cm - 1 TO 2 CM WIDE. THESE CUT OFF BY BLUE QUARTZ STRINGER 0.2 cm 65° to C.							
		13.55	15.2	QUARTZ STRINGERS - BLUE AND DARK 1-3 mm WIDE 5-15 cm APPART WITH CHALCOPYRITE 2%, PYRITE 1% AND A FEW SPECKS OF PYRRHOTITE							
		15.2	15.6	INCREASING QUARTZ STRINGERS TO 10% OF CORE - SOME SILICIFICATION							
		15.6	16.3	QUARTZ STRINGERS WITH 1/2 - 1 cm SILICIFIED WALLS - ALSO CROSS CUTTING 1-2 mm QUARTZ STRINGERS.							
		16.8	17.6	SILICIFIED - BLUE QUARTZ STRINGERS 1 mm AND 3 cm WITH PYRITE AND CHALCOPYRITE							
		17.8	18.1	1 DOZEN 1-2 mm BLUE QUARTZ STRINGERS WITH PYRITE AND CHALCOPYRITE. CORE LOOKS "MICRO" BRECCIATED							

98#23 p4

MAIN DIV. from (m)	MAIN DIV. to (m)	MINOR DIV. from (m)	MINOR DIV. to (m)	DESCRIPTION	SAMPLE NUMBER	INTERVAL from (m)	INTERVAL to (m)	PPM Au	ASSAYS		
36.5	45.7			CONT.							
				VERY LIGHT – FELDSPARS							
END				MEDIUM GRAINED AND IN PART							
				INDISTINCT AND FAINTLY							
				COLOURED INDICATING							
				SERICITIZATION – MINOR							
				FINE DISSEMINATED PYRITE <1%							
		39.9	41.4	10% QUARTZ STRINGERS	111367	39.9	41.4	5			
				20° to C. – BLUE SILICIFIED							
				1-2% PYRITE – STREAKS							
				OF MOLYBDENITE (MINOR)							
		44.1	44.5	5cm QUARTZ VEIN WITH							
				3% PYRITE – 70° to C.							
				ALSO 1/2 TO 6cm DIORITE							
				FRAGMENTS WITH MINOR							
				DISSEMINATED PYRITE.							
				END							

MAIN DIV. from (m)	MAIN DIV. to (m)	MINOR DIV. from (m)	MINOR DIV. to (m)	DESCRIPTION	SAMPLE NUMBER	INTERVAL from (m)	INTERVAL to (m)	ppb ASSAYS Au
		19.3	21.4	A FEW DARKER PATCHES (10% ?) WHERE CRYSTALS ARE GHOST LIKE - BLACK GROUNDMASS AND IRREGULAR BIOTITE - 2-3% PYRITE AND MINOR CHALCOPYRITE.				
		21.7	22.7	FRAGMENTED CORE 3-10 CM				
		22.7	23.5	FRAGMENTED TO 6 CM AND SANDY AND MUD BLACK, 1-2% PYRITE	111364	22.7	23.5	15
					45	23.5	24.2	15
		23.5	24.2	QUARTZ STRINGERS - WHITE AND BLUE (BLUE QTZ) 10% - 15 CM SILICIFICATION - 1% PYRITE LESS CHALCOPYRITE.				
24.2	33.0			DIORITE - QUITE LIGHT 20% MAFIC - INDISTINCT CRYSTALS - LEACHED AND SANDY IN PLACES - MINOR DISSEMINATED PYRITE < 1%				
		33.0	33.0	FRACTURING 1-4 CM FRAGMENTS	111366	33.0	33.7	5
				BLACK CHLORITE ON SURFACES				
33.0	33.7			QUARTZ VEIN - WHITE QUARTZ 90% - BLUE QUARTZ 10% WITH 1-2% PYRITE.				
33.7	36.5			DIORITE FAINT FOLIATION OF BIOTITE 45-50° TO C				
36.5	45.7			DIORITE - ALTERED				
END								

APPENDIX III

Analysis Certificates

ASSAYING
GEOCHEMISTRY
ANALYTICAL CHEMISTRY
ENVIRONMENTAL TESTING

10041 E. Trans Canada Hwy., R.R. #2, Kamloops, B.C. V2C 6T4 Phone (250) 573-5700
Fax (250) 573-4557

CERTIFICATE OF ASSAY AK 98-243

29-Jun-98

ORKO GOLD CORP.
436-470 GRANVILLE STREET
VANCOUVER, BC
V6C 1V5

ATTENTION: E. LIVGARD

No. of samples received: 20
Sample type: Rock
PROJECT #: Bonaparte
SHIPMENT #: None Given
Samples submitted by: Ed. Frey

ET #.	Tag #		Au (g/t)	Au (oz/t)		
18	111463	1.6m	2.07	0.060	1.6m	NE LOZENR, CHIKADEE?
19	111464	1.2m	5.14	0.150	1.2m	"

per ECO-TECH LABORATORIES LTD.
Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

XLS/98

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LABORATORIES LTD.

ASSAYING
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ENVIRONMENTAL TESTING

10041 E. Trans Canada Hwy., R.R. #2, Kamloops, B.C. V2C 6T4 Phone (250) 573-5700
Fax (250) 573-4557

CERTIFICATE OF ASSAY AK 98-211

19-Jun-98

ORKO GOLD CORP.
436-470 GRANVILLE STREET
VANCOUVER, BC

ATTENTION: E. LIVGARD

No. of samples received: 3
Sample type: Chip
PROJECT #: None Given
SHIPMENT #: None Given
Samples submitted by: E. Livgard

ET #.	Tag #	Au (g/t)	Au (oz/t)	
1	111451	3.91	0.114	FLICKER VEIN 0.4m

QC DATA:

Resplit:			
1	111451	4.21	0.123
Standard:			
STD-M		1.72	0.050

per
ECO-TECH LABORATORIES LTD.
Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

XLS/98

18-Jun-98

SURFACE

ECO-TECH LABORATORIES LTD.
10041 East Trans Canada Highway
KAMLOOPS, B.C.
V2C 6T4

Phone: 604-573-5700
Fax : 604-573-4557

ICP CERTIFICATE OF ANALYSIS AK 98-211

ORKO GOLD CORP.
436-470 GRANVILLE STREET
VANCOUVER, BC

ATTENTION: E. LIVGARD

No. of samples received: 3
Sample type: Chip
PROJECT #: None Given
SHIPMENT #: None Given
Samples submitted by: E. Livgard

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	111451	>1000	13.8	0.69	25	45	<5	0.10	4	34	106	9065	4.69	<10	0.26	197	8	0.05	8	<10	<2	<5	<20	7	0.04	<10	36	<10	<1	165
2	111452	100	<0.2	1.30	10	160	<5	0.29	<1	11	85	337	2.43	<10	0.60	391	20	0.06	3	540	8	<5	<20	39	0.07	<10	45	<10	2	32
3	111453	210	<0.2	1.32	<5	205	<5	0.22	<1	5	83	340	2.40	<10	0.51	240	13	0.05	1	390	10	<5	<20	47	0.07	<10	47	<10	<1	21

QC DATA:

Resplit:

1	111451	>1000	13.4	0.68	30	45	<5	0.10	4	34	101	8935	4.64	<10	0.25	178	8	0.05	8	<10	2	<5	<20	5	0.04	<10	35	<10	<1	169

Repeat:

1	111451	>1000	14.4	0.70	35	45	<5	0.10	4	33	104	9256	4.69	<10	0.26	187	8	0.05	8	<10	2	<5	<20	5	0.04	<10	36	<10	<1	168

Standard:

GEO'98		135	1.2	1.66	65	150	<5	1.90	<1	18	66	81	3.90	<10	0.98	655	<1	0.03	23	640	26	<5	<20	54	0.11	<10	73	<10	5	68

df/191
XLS/98

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ENVIRONMENTAL TESTING

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Fax (250) 573-4557

CERTIFICATE OF ASSAY AK 98-238

ORKO GOLD CORP.
436 - 470 GRANVILLE STREET
VANCOUVER, BC
V6C 1V5

3-Jul-98

ATTENTION: E. LIVGARD

No. of samples received: 7
Sample type: Rock
PROJECT #: None given
SHIPMENT #: None give
Samples submitted by: Ed Frey

ET #.	Tag #	Au (g/t)	Au (oz/t)	
5	111458	3.20	0.093	SURFACE TRENCH 3994E 1.4m

QC DATA:

Repeat:

5	111458	3.35	0.098

Standard:

STD-M	1.48	0.043

per

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2-Jul-98

ECO-TECH LABORATORIES LTD.
10041 East Trans Canada Highway
KAMLOOPS, B.C.
V2C 6T4

Phone: 250-573-5700
Fax : 250-573-4557

ICP CERTIFICATE OF ANALYSIS AK 98-238

ORKO GOLD CORP.
436 - 470 GRANVILLE STREET
VANCOUVER, BC
V6C 1V5

ATTENTION: E. LIVGARD

No. of samples received: 7
Sample type: Rock
PROJECT #: None given
SHIPMENT #: None give
Samples submitted by: Ed Frey

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	111454	5	<0.2	0.75	<5	155	<5	0.25	<1	4	96	22	1.34	<10	0.34	209	9	0.04	7	350	4	<5	<20	39	0.05	<10	21	<10	2	18
2	111455	10	<0.2	1.51	15	265	<5	0.42	<1	7	67	481	2.52	<10	0.55	245	9	0.03	4	480	6	<5	<20	468	0.03	<10	27	<10	<1	26
3	111456	195	1.0	0.31	70	65	<5	0.05	<1	4	133	251	1.85	<10	0.09	62	63	0.01	4	200	<2	<5	<20	15	<0.01	<10	14	<10	<1	4
4	111457	125	0.4	1.53	10	115	<5	0.31	<1	10	54	721	2.37	<10	0.57	254	5	0.05	5	480	6	<5	<20	30	0.05	<10	31	<10	2	26
5	111458	>1000	1.4	0.11	25	15	<5	0.02	<1	10	184	725	1.53	<10	0.01	54	15	<0.01	5	30	<2	<5	<20	<1	<0.01	<10	3	<10	<1	5
6	111459	5	<0.2	2.16	70	50	<5	0.25	<1	17	98	117	4.29	<10	1.36	808	31	0.05	35	390	6	<5	<20	9	0.19	<10	102	<10	4	74
7	111460	10	<0.2	1.71	650	105	<5	0.22	<1	11	78	78	3.54	<10	1.05	720	47	0.05	13	270	10	5	<20	6	0.17	<10	48	<10	10	58
Resplit:																														
1	111454	5	0.2	0.73	<5	140	<5	0.23	<1	4	83	23	1.29	<10	0.32	196	9	0.04	3	340	6	<5	<20	35	0.04	<10	19	<10	1	16
Repeat:																														
1	111454	5	0.2	0.75	5	155	<5	0.25	<1	4	92	22	1.35	<10	0.34	228	8	0.04	4	350	4	<5	<20	36	0.05	<10	20	<10	2	18
Standard:																														
GEO'98		125	1.4	1.66	55	155	<5	1.67	<1	19	57	77	3.84	<10	0.91	658	<1	0.02	26	640	24	5	<20	56	0.11	<10	73	<10	4	65

QC DATA:

per

ECO-TECH LABORATORIES LTD.
Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

df/250
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ENVIRONMENTAL TESTING

10041 E. Trans Canada Hwy., R.R. #2, Kamloops, B.C. V2C 6T4 Phone (250) 573-5700
Fax (250) 573-4557

CERTIFICATE OF ASSAY AK 98-230

ORKO GOLD CORP.
436-470 GRANVILLE STREET
VANCOUVER, BC
V6C 1V5

26-Jun-98

ATTENTION: E LIVGARD

No. of samples received: 6
Sample type: Rock
PROJECT #: Orok Gold Corp.
SHIPMENT #:None given
Samples submitted by: E. Livgard

ET #.	Tag #	Au (g/t)	Au (oz/t)	
3	111303	7.43	0.217	98 #3 0.9m

QC DATA:

Repeat:			
3	111303	7.43	0.217

per

ECO-TECH LABORATORIES LTD.
Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

XLS/98

13-Jul-98

ECO-TECH LABORATORIES LTD.
10041 East Trans Canada Highway
KAMLOOPS, B.C.
V2C 6T4

Phone: 604-573-5700
Fax : 604-573-4557

ICP CERTIFICATE OF ANALYSIS AK 98-300

ORKO GOLD CORP.
436-470 GRANVILLE STREET
VANCOUVER, BC

ATTENTION: E. LIVGARD

No. of samples received: 17
Sample type: Core
PROJECT #: None Given
SHIPMENT #: None Given
Samples submitted by: Orko Gold

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	111394	10	<0.2	1.65	90	90	<5	0.68	<1	15	105	183	2.88	<10	1.24	469	22	0.07	53	990	4	10	<20	58	0.12	<10	99	<10	2	83
2	111395	15	<0.2	1.98	80	95	<5	0.70	<1	12	100	150	2.63	<10	1.27	492	10	0.13	49	650	6	10	<20	55	0.11	<10	73	<10	<1	112
3	111396	40	0.2	1.52	785	135	<5	4.41	<1	12	64	141	2.85	<10	1.07	1701	46	0.05	33	870	4	10	<20	171	0.10	<10	65	<10	3	113
4	111397	15	<0.2	1.78	180	130	<5	3.47	<1	14	108	143	3.00	<10	1.41	1711	60	0.06	67	850	10	15	<20	87	0.10	<10	79	<10	2	147
5	111398	5	<0.2	1.55	355	85	<5	0.84	<1	14	111	94	2.76	<10	1.27	594	27	0.04	56	1250	6	10	<20	33	0.10	<10	109	<10	4	100
6	111399	20	<0.2	1.67	160	75	<5	1.01	<1	17	105	179	3.38	<10	1.21	634	16	0.04	50	1940	8	10	<20	32	0.09	<10	104	<10	8	96
7	111417	25	<0.2	1.94	25	120	<5	1.38	<1	13	89	121	3.10	<10	1.32	665	20	0.04	52	490	8	10	<20	134	0.09	<10	83	<10	3	91
8	111418	20	<0.2	1.26	10	90	<5	2.46	<1	11	65	170	2.36	<10	0.56	741	128	0.04	62	740	2	5	<20	223	0.04	<10	97	<10	3	143
9	111419	20	<0.2	1.19	30	55	<5	1.72	3	12	73	163	2.71	<10	0.57	589	41	0.04	59	820	4	<5	<20	72	0.06	<10	111	<10	4	315
10	111420	10	<0.2	1.39	10	75	<5	2.66	<1	9	43	71	2.15	<10	0.62	954	8	0.06	7	660	6	10	<20	67	0.05	<10	57	<10	3	41
11	111421	45	<0.2	1.49	225	70	<5	1.83	<1	12	98	169	3.12	<10	0.67	561	65	0.08	62	810	6	10	<20	149	0.06	<10	155	<10	4	147
12	111422	385	0.4	1.08	100	70	<5	2.22	2	15	107	184	3.33	<10	0.55	577	353	0.08	61	660	8	5	<20	55	0.07	<10	137	<10	3	231
13	111423	10	<0.2	1.20	125	75	<5	1.24	<1	15	104	349	3.63	<10	0.63	703	83	0.09	62	770	4	<5	<20	32	0.09	<10	182	<10	1	168
14	111424	5	<0.2	1.71	70	90	<5	1.76	<1	14	115	157	3.53	<10	1.02	693	56	0.14	70	710	10	<5	<20	44	0.11	<10	249	<10	2	177
15	111425	5	<0.2	1.61	35	85	<5	1.76	<1	14	143	188	3.76	<10	0.95	787	47	0.10	67	840	10	5	<20	38	0.09	<10	182	<10	4	125
16	111426	5	<0.2	1.66	70	95	<5	1.78	<1	14	133	197	3.85	<10	1.09	757	43	0.09	74	860	8	15	<20	39	0.09	<10	210	<10	4	143
17	111427	20	<0.2	0.76	135	75	<5	4.13	<1	12	83	145	3.87	<10	0.94	1130	52	0.04	63	750	4	45	<20	102	0.02	<10	95	<10	8	170

30-Jun-98

ECO-TECH LABORATORIES LTD.
10041 East Trans Canada Highway
KAMLOOPS, B.C.
V2C 6T4

Phone: 604-573-5700
Fax : 604-573-4557

ICP CERTIFICATE OF ANALYSIS AK 98-230

ORKO GOLD CORP.
436-470 GRANVILLE STREET
VANCOUVER, BC

ATTENTION: E. LIVGARD

SHIPMENT #:NONE GIVEN
Samples submitted by: E. LIVGARD

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	111301	5	<0.2	2.22	10	180	<5	0.57	<1	14	72	155	3.04	<10	0.98	386	2	0.10	3	610	4	5	<20	51	0.10	<10	61	<10	4	38
2	111302	5	5.6	0.26	35	50	<5	0.09	2	9	120	2293	1.26	<10	0.11	125	5	0.02	<1	30	<2	<5	<20	3	0.02	<10	11	<10	<1	57
3	111303	>1000	<0.2	1.36	20	75	<5	2.48	<1	14	50	166	3.59	<10	1.08	688	<1	0.07	<1	1170	2	<5	<20	59	0.11	<10	80	<10	7	36
4	111304	10	<0.2	1.09	<5	65	<5	6.44	<1	7	36	168	2.14	<10	0.59	930	5	0.06	<1	630	<2	5	<20	150	0.01	<10	26	<10	5	23
5	111305	5	<0.2	1.35	5	115	<5	3.16	<1	7	59	108	2.16	<10	0.54	617	5	0.07	<1	650	<2	5	<20	68	0.03	<10	29	<10	3	25
6	111306	5	<0.2	2.26	10	240	5	1.16	<1	12	52	94	3.88	<10	1.27	747	5	0.06	2	680	6	5	<20	51	0.13	<10	83	<10	4	46

98
#3

QC DATA:

Resplit:																														
1	111301	5	<0.2	2.21	10	245	10	1.13	<1	11	53	91	3.78	<10	1.24	728	5	0.05	2	690	4	10	<20	50	0.13	<10	81	<10	3	44
Repeat:																														
1	111301	5	<0.2	2.27	<5	250	10	1.15	<1	11	52	91	3.84	<10	1.27	741	4	0.06	4	670	4	<5	<20	53	0.14	<10	83	<10	4	46
Standard:																														
GEO'98		-	1.0	1.74	55	155	10	1.73	<1	19	55	82	4.03	<10	0.95	682	<1	0.03	21	680	20	10	<20	51	0.11	<10	75	<10	6	54

ECO-TECH LABORATORIES LTD.
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ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.)
852 E. HASTINGS ST. VANCOUVER BC V6A 1R6
PHONE(604)253-3158 FAX(604)253-1716

ASSAY CERTIFICATE

Orko Gold Corp. File # 9802894R
c/o Livgard Consultant, 4, Vancouver BC V6C 1V5

SAMPLE#	Au** oz/t
111490	.710
111495	.046
113730	.709
113732	.046
113739	.220
RE 113739	.251
STANDARD AU-1	.096

AU** BY FIRE ASSAY FROM 1 A.T. SAMPLE.
- SAMPLE TYPE: CORE PULP
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUL 24 1998 **DATE REPORT MAILED:** July 30/98 **SIGNED BY** ..... D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Data ___ FA ___

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.) 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Orko Gold Corp. File # 9802894 Page 1

c/o Livgard Consultant, 4, Vancouver BC V6C 1V5 Submitted by: E. Livgard

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
111466	98	320	5	81	.6	34	19	1122	3.87	10	<8	<2	2	62	.5	<3	<3	84	2.03	.060	5	51	1.27	109	.09	<3	1.85	.05	1.00	3	449
111467	20	92	<3	59	<.3	14	13	862	3.65	18	<8	<2	<2	54	.2	<3	<3	127	2.02	.055	3	16	1.22	436	.18	<3	2.41	.09	1.50	<2	38
111468	38	169	4	77	<.3	55	13	583	2.74	92	<8	<2	2	32	<.2	<3	<3	96	.67	.062	6	74	1.22	255	.11	<3	1.81	.10	.97	2	122
111469	18	394	7	89	.3	63	19	1213	5.38	143	<8	<2	<2	39	.3	<3	<3	86	1.23	.102	5	56	1.16	73	.13	<3	1.91	.06	1.15	<2	4
111470	35	117	<3	82	<.3	47	8	425	2.10	40	<8	<2	<2	66	<.2	<3	<3	75	.58	.054	5	79	.80	241	.09	<3	1.50	.06	.62	5	23
111471	17	123	6	90	<.3	58	11	367	2.43	8	<8	<2	<2	47	<.2	<3	<3	82	.46	.064	6	63	1.13	260	.10	<3	1.92	.08	.86	<2	2
111472	22	141	<3	112	<.3	50	12	1156	3.30	44	<8	<2	2	68	.3	<3	<3	104	2.13	.034	7	63	1.26	226	.14	<3	2.21	.05	1.22	2	11
111473	8	120	4	95	<.3	35	12	718	3.49	23	<8	<2	<2	66	.2	<3	<3	81	.44	.039	6	43	1.22	198	.11	<3	2.25	.03	.96	<2	1
111474	19	163	5	89	<.3	34	15	717	3.94	11	<8	<2	2	19	<.2	<3	<3	104	.25	.042	6	46	1.19	164	.17	<3	2.21	.05	1.19	2	17
111475	11	119	6	91	<.3	34	13	571	3.18	4	<8	<2	<2	16	<.2	<3	<3	100	.23	.040	7	42	1.10	227	.13	<3	1.98	.04	.90	<2	1
~~RE 111475~~	~~12~~	~~122~~	~~<3~~	~~93~~	~~<.3~~	~~34~~	~~13~~	~~580~~	~~3.22~~	~~2~~	~~<8~~	~~<2~~	~~2~~	~~16~~	~~<.2~~	~~<3~~	~~<3~~	~~102~~	~~.23~~	~~.040~~	~~7~~	~~42~~	~~1.12~~	~~236~~	~~.15~~	~~<3~~	~~2.01~~	~~.04~~	~~.93~~	~~<2~~	~~<1~~
~~RRE 111475~~	~~12~~	~~121~~	~~8~~	~~92~~	~~<.3~~	~~32~~	~~13~~	~~575~~	~~3.20~~	~~4~~	~~<8~~	~~<2~~	~~<2~~	~~16~~	~~<.2~~	~~<3~~	~~<3~~	~~101~~	~~.23~~	~~.040~~	~~7~~	~~44~~	~~1.11~~	~~243~~	~~.13~~	~~<3~~	~~1.98~~	~~.04~~	~~.91~~	~~2~~	~~4~~
111476	17	264	4	89	<.3	51	14	967	3.86	22	<8	<2	<2	22	<.2	<3	<3	114	.38	.047	5	48	1.14	139	.19	<3	2.11	.06	1.16	<2	4
111477	6	90	4	52	<.3	8	9	652	3.10	12	<8	<2	<2	244	.4	<3	<3	74	2.09	.062	3	12	.77	222	.09	<3	2.06	.05	.61	<2	3
111478	10	320	<3	91	<.3	33	14	978	4.28	11	<8	<2	<2	45	.3	<3	<3	114	.48	.050	3	36	1.31	150	.24	<3	2.29	.08	1.50	<2	<1
111479	14	269	<3	83	.3	32	11	930	3.52	16	<8	<2	2	113	.2	<3	<3	114	.53	.051	4	48	1.16	226	.18	<3	2.09	.07	1.21	2	2
111480	5	222	<3	98	.4	15	8	847	4.23	22	<8	<2	<2	148	.4	<3	<3	90	1.49	.064	4	20	.86	139	.10	<3	2.28	.07	.85	<2	5
111481	5	112	<3	64	<.3	16	10	683	3.29	35	<8	<2	<2	39	.2	<3	<3	89	1.17	.051	4	22	.98	253	.12	<3	1.95	.05	.94	<2	3
111482	10	125	<3	81	<.3	26	12	945	3.51	30	<8	<2	<2	43	.3	<3	<3	88	1.51	.046	6	38	1.15	238	.15	<3	2.20	.04	1.15	2	2
111483	13	66	<3	59	<.3	16	7	726	2.23	12	<8	<2	<2	71	<.2	<3	<3	43	.97	.033	4	26	.77	236	.12	<3	1.45	.04	.78	3	2
111484	24	113	<3	91	<.3	62	11	568	2.34	210	<8	<2	<2	56	.2	<3	<3	84	1.51	.077	5	70	.98	108	.07	<3	2.00	.05	.63	<2	<1
111485	29	129	<3	75	<.3	67	10	686	2.26	8	<8	<2	<2	90	<.2	<3	<3	72	1.48	.075	5	85	1.01	127	.09	<3	2.00	.09	.67	3	<1
111486	28	190	<3	84	<.3	58	12	665	2.61	5	<8	<2	<2	75	.5	<3	<3	127	1.39	.069	7	45	.56	142	.12	<3	1.45	.11	.28	<2	<1
111487	119	134	<3	245	<.3	56	10	335	2.49	<2	<8	<2	2	53	3.5	<3	<3	166	.94	.062	8	29	.41	44	.10	<3	1.20	.12	.14	3	3
111488	63	129	3	150	.3	66	11	357	2.96	3	<8	<2	<2	66	1.5	<3	<3	184	.83	.065	8	41	.62	74	.11	<3	1.68	.18	.35	<2	<1
~~RE 111488~~	~~63~~	~~131~~	~~<3~~	~~156~~	~~.3~~	~~66~~	~~11~~	~~361~~	~~3.00~~	~~<2~~	~~<8~~	~~<2~~	~~2~~	~~67~~	~~1.8~~	~~<3~~	~~<3~~	~~185~~	~~.84~~	~~.065~~	~~7~~	~~46~~	~~.63~~	~~74~~	~~.11~~	~~<3~~	~~1.70~~	~~.17~~	~~.35~~	~~<2~~	~~<1~~
~~RRE 111488~~	~~64~~	~~133~~	~~<3~~	~~151~~	~~<.3~~	~~65~~	~~12~~	~~364~~	~~3.00~~	~~2~~	~~<8~~	~~<2~~	~~<2~~	~~67~~	~~1.7~~	~~<3~~	~~<3~~	~~185~~	~~.83~~	~~.065~~	~~7~~	~~42~~	~~.62~~	~~72~~	~~.11~~	~~<3~~	~~1.69~~	~~.18~~	~~.35~~	~~2~~	1
111489	22	145	<3	134	.3	62	13	857	3.63	7	<8	<2	<2	63	.9	<3	<3	143	1.26	.046	6	66	1.31	178	.17	44	1.86	.12	.79	<2	16
111490	12	3617	6	147	10.4	62	33	296	3.48	5	<8	38	<2	19	3.3	<3	15	56	.42	.013	3	51	.55	101	.07	<3	1.02	.06	.40	11	23000
111491	84	126	<3	118	<.3	68	14	678	3.55	5	<8	<2	<2	81	.8	<3	<3	179	1.25	.042	6	61	1.16	225	.13	<3	2.57	.20	.81	<2	632
111492	24	91	<3	150	.3	58	12	573	3.25	10	<8	<2	<2	85	1.4	<3	<3	168	1.29	.050	6	61	1.11	241	.16	<3	2.53	.26	1.01	4	26
111493	27	116	<3	87	<.3	49	11	423	3.12	47	<8	<2	<2	55	.3	<3	<3	108	.79	.052	5	41	.96	198	.16	<3	1.79	.14	.81	<2	5
111494	34	1771	3	76	2.2	10	11	447	2.45	2	<8	7	<2	35	1.4	<3	5	72	.91	.042	2	18	.64	216	.08	<3	1.28	.07	.54	5	696
111495	7	86	<3	7	.5	8	2	108	.55	<2	<8	2	<2	10	<.2	<3	<3	11	.32	.009	<1	19	.09	46	.01	<3	.21	.02	.10	<2	990
113698	128	150	<3	12	<.3	5	6	312	1.31	5	<8	<2	<2	58	<.2	<3	<3	16	1.65	.027	1	19	.22	111	.02	<3	.78	.07	.19	6	11
~~STANDARD G3/AU-R~~	~~24~~	~~62~~	~~37~~	~~172~~	~~5.4~~	~~36~~	~~12~~	~~762~~	~~3.25~~	~~58~~	~~21~~	~~4~~	~~21~~	~~30~~	~~23.6~~	~~16~~	~~22~~	~~79~~	~~.55~~	~~.088~~	~~17~~	~~169~~	~~.59~~	~~152~~	~~.09~~	~~19~~	~~1.93~~	~~.04~~	~~.16~~	~~17~~	~~509~~
STANDARD G-2	1	4	4	45	<.3	8	4	518	2.00	<2	<8	<2	4	76	<.2	<3	<3	40	.62	.094	7	77	.58	228	.13	<3	.99	.08	.47	2	<1

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND MASSIVE SULFIDE AND LIMTED FOR NA K AND AL.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: CORE AU* - IGNITED, AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED.(10 GM)
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUL 16 1998 **DATE REPORT MAILED:** July 24/98 **SIGNED BY.....** D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Data FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
113699	11	96	4	36	<.3	4	5	411	1.62	<2	<8	<2	<2	26	<.2	<3	<3	31	.31	.042	1	14	.41	133	.07	<3	.90	.06	.37	2	2
113727	25	499	9	57	1.0	23	12	3493	4.55	58	<8	<2	2	6	.3	5	<3	94	2.07	.079	10	23	.18	43	.07	<3	1.18	.01	.15	5	8
113728	33	571	11	70	1.5	21	10	1900	5.77	2657	<8	<2	<2	21	1.0	9	<3	85	.95	.110	10	21	.50	74	.08	<3	1.59	.03	.46	3	35
113729	2	229	<3	63	.3	10	18	773	4.53	9	<8	<2	<2	35	.3	<3	<3	83	.84	.053	3	20	1.10	298	.14	<3	2.59	.06	1.27	3	13
113730	2	764	3	15	7.4	7	15	154	1.51	23	<8	25	<2	1	.2	12	62	1	.03	.001	1	20	.01	13	<.01	<3	.02	<.01	.01	5	22000
113731	3	96	<3	6	<.3	6	2	42	.43	6	<8	<2	<2	1	<.2	<3	<3	<1	.01	<.001	<1	24	<.01	22	<.01	<3	.01	<.01	.01	4	88
113732	8	271	27	60	.5	7	7	229	1.63	19	<8	2	<2	12	.4	<3	4	20	.14	.018	3	17	.19	144	.03	<3	.75	.02	.20	3	1160
113733	2	12	<3	4	<.3	4	1	42	.36	<2	<8	<2	<2	1	<.2	<3	<3	1	.01	.002	<1	22	.01	15	<.01	<3	.03	<.01	.01	5	46
113734	4	118	<3	24	<.3	3	4	267	1.38	4	<8	<2	<2	62	.3	<3	<3	25	.43	.028	2	17	.33	157	.04	<3	.93	.06	.30	3	19
113735	6	87	<3	35	<.3	6	6	645	2.02	<2	<8	<2	<2	73	.2	<3	<3	43	1.44	.050	2	16	.65	223	.09	3	1.76	.14	.68	<2	8
113736	1	53	6	45	<.3	4	5	777	2.90	3	<8	<2	<2	82	<.2	<3	<3	41	2.07	.051	2	11	.73	196	.06	<3	1.98	.06	.66	<2	3
113737	12	150	3	31	<.3	6	6	406	1.92	<2	<8	<2	<2	67	<.2	<3	<3	34	.90	.052	3	14	.52	93	.08	3	1.51	.10	.25	3	6
113738	10	92	<3	41	<.3	5	5	529	2.00	4	<8	<2	<2	65	<.2	<3	<3	36	1.18	.057	4	14	.65	91	.09	<3	1.60	.10	.30	2	2
RE 113738	10	94	5	42	<.3	6	5	540	2.07	5	<8	<2	<2	68	<.2	<3	<3	38	1.22	.059	3	15	.67	95	.09	<3	1.66	.10	.31	2	3
RRE 113738	9	93	<3	41	<.3	4	5	550	2.06	6	<8	<2	<2	68	<.2	<3	<3	38	1.22	.058	4	13	.68	96	.09	<3	1.67	.10	.31	2	2
113739	4	728	<3	36	2.9	5	8	460	1.85	290	<8	15	<2	37	.3	4	6	33	1.40	.035	3	13	.36	97	.05	<3	.89	.06	.31	3	4330
113740	12	71	9	37	<.3	5	5	679	1.92	5	<8	<2	<2	104	.3	<3	<3	34	3.40	.054	3	12	.69	157	.03	<3	1.87	.04	.40	2	33
113741	98	330	5	83	.4	23	12	1053	4.34	23	<8	<2	<2	10	<.2	<3	<3	114	.30	.043	5	36	1.09	159	.19	<3	1.88	.05	1.16	2	35
113742	56	163	<3	98	<.3	86	13	571	2.81	112	<8	<2	<2	30	.3	3	<3	123	.55	.049	5	100	1.37	206	.13	<3	1.98	.10	1.16	<2	6
113743	31	165	<3	80	<.3	58	12	470	2.68	47	<8	<2	<2	43	<.2	<3	<3	92	.62	.057	5	69	1.29	268	.13	<3	2.16	.15	1.06	2	5
113744	13	272	<3	81	<.3	27	11	1012	3.96	94	<8	<2	2	31	<.2	<3	<3	112	.75	.058	8	31	1.42	186	.14	<3	2.05	.08	1.32	<2	3
113745	17	433	4	48	.5	67	8	746	3.22	8	<8	<2	<2	30	.2	<3	<3	50	1.23	.025	3	77	.74	141	.04	<3	.96	.05	.53	5	10
STANDARD G3/AU-R	24	62	38	169	5.4	35	12	760	3.27	54	22	3	20	30	23.4	17	23	77	.54	.088	17	163	.58	151	.09	19	1.90	.04	.16	19	458
STANDARD G-2	1	5	3	42	<.3	7	4	511	1.96	<2	<8	<2	3	73	<.2	<3	<3	39	.60	.093	7	72	.57	223	.12	<3	.95	.07	.47	2	2

Sample type: CORE. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Assay in progress for gold > 1000 ppb.

Data 4 FA ____

Eco-Tech LABORATORIES LTD.

ASSAYING
GEOCHEMISTRY
ANALYTICAL CHEMISTRY
ENVIRONMENTAL TESTING

10041 E. Trans Canada Hwy., R.R. #2, Kamloops, B.C. V2C 6T4 Phone (250) 573-5700
Fax (250) 573-4557

CERTIFICATE OF ASSAY AK 98-313

ORKO GOLD CORP.
436-470 GRANVILLE STREET
VANCOUVER, BC
V6C 1V5

20-Jul-98

ATTENTION: E. LIVGARD

No. of samples received: 57
Sample type: Core
PROJECT #: None Given
SHIPMENT #: None Given
Samples submitted by: Orko Gold

ET #.	Tag #	Au (g/t)	Au (oz/t)	
4	113669	21.30	0.621	QB # 8
20	113686	2.62	0.076	QB # 12
26	113692	6.22	0.181	" "
30	113696	1.52	0.044	" "

QC/DATA:
Standard:

STD-M	1.62	0.047

ECO-TECH LABORATORIES LTD.
per Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

XLS/98

17-Jul-98

ECO-TECH LABORATORIES LTD.
10041 East Trans Canada Highway
KAMLOOPS, B.C.
V2C 6T4

Phone: 250-573-5700
Fax : 250-573-4557

ICP CERTIFICATE OF ANALYSIS AK 98-313

ORKO GOLD CORP.
436-470 GRANVILLE STREET
VANCOUVER, BC

ATTENTION: E. LIVGARD

No. of samples received: 57
Sample type: Core
PROJECT #: None Given
SHIPMENT #: None Given
Samples submitted by: Orko Gold

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	113666	5	<0.2	1.13	15	160	75	2.37	<1	8	72	74	1.99	<10	0.45	443	31	0.04	3	450	6	5	<20	117	0.02	<10	21	<10	2	27
2	113667	20	<0.2	1.28	15	165	<5	2.53	<1	9	77	186	2.13	<10	0.52	482	7	0.05	5	420	6	<5	<20	71	0.04	<10	24	<10	2	34
3	113668	5	<0.2	1.29	50	85	<5	2.08	<1	8	80	124	1.93	<10	0.46	419	50	0.10	2	450	4	<5	<20	77	0.04	<10	23	<10	1	23
4	113669	>1000	4.4	0.03	35	20	<5	0.05	<1	36	143	717	3.77	<10	<0.01	259	8	0.01	5	<10	<2	<5	<20	3	<0.01	<10	1	10	<1	11
5	113670	280	0.4	0.15	25	20	<5	0.17	<1	21	133	345	1.90	<10	0.04	249	19	0.02	2	70	<2	<5	<20	5	<0.01	<10	3	10	<1	8
6	113671	15	<0.2	0.92	30	85	<5	0.98	<1	8	105	234	1.81	<10	0.42	433	7	0.06	4	320	4	<5	<20	28	0.05	<10	27	<10	2	28
7	113672	5	<0.2	2.23	10	380	10	1.89	<1	10	105	28	3.58	10	1.08	744	5	0.08	2	990	10	<5	<20	93	0.19	<10	82	10	8	56
8	113673	15	<0.2	1.47	20	90	<5	2.91	<1	11	46	79	3.42	10	0.67	845	11	0.04	4	1010	6	<5	<20	47	0.08	<10	61	<10	11	46
9	113674	5	<0.2	1.11	70	65	<5	3.22	<1	7	57	84	2.16	<10	0.57	641	21	0.06	2	530	4	5	<20	58	0.02	<10	29	<10	3	29
10	113675	5	0.8	1.01	10	210	<5	9.62	<1	4	31	216	1.56	<10	0.50	1784	12	0.03	1	600	4	15	<20	106	<0.01	<10	22	<10	4	30
11	113676	5	<0.2	1.10	10	85	<5	2.01	<1	5	30	37	1.67	<10	0.61	512	7	0.05	4	590	4	<5	<20	87	0.02	<10	25	<10	<1	33
12	113677	5	<0.2	1.12	<5	120	<5	2.01	<1	5	75	24	1.46	<10	0.50	454	8	0.06	3	550	4	<5	<20	121	0.03	<10	23	<10	2	24
13	113678	5	<0.2	1.16	<5	95	<5	2.48	<1	5	24	17	1.55	<10	0.56	549	2	0.04	2	560	4	<5	<20	82	0.02	<10	23	<10	1	24
14	113679	5	<0.2	1.19	<5	165	<5	3.96	<1	5	44	35	1.58	<10	0.50	847	4	0.06	1	630	4	5	<20	374	0.04	<10	30	<10	2	34
15	113680	5	<0.2	0.67	<5	70	<5	2.37	<1	4	127	43	1.34	<10	0.34	505	36	0.04	3	330	2	5	<20	43	0.03	<10	28	<10	2	21
16	113682	5	<0.2	1.16	<5	40	<5	1.13	<1	13	61	258	2.82	<10	0.51	382	204	0.06	5	560	6	<5	<20	37	0.06	<10	35	<10	1	31
17	113683	5	<0.2	2.10	<5	165	5	3.52	<1	17	85	81	3.73	<10	1.43	954	17	0.05	15	740	6	5	<20	96	0.11	<10	84	<10	4	55
18	113684	5	<0.2	2.53	10	110	<5	6.91	<1	18	38	300	4.65	<10	1.67	1365	378	0.08	10	770	10	5	<20	203	0.14	<10	114	<10	5	60
19	113685	5	<0.2	0.99	10	70	<5	6.29	<1	8	66	116	2.02	<10	0.56	994	38	0.04	3	510	2	<5	<20	96	0.05	<10	36	<10	4	26
20	113686	>1000	1.8	0.93	<5	60	<5	1.65	1	15	107	852	2.53	<10	0.40	434	96	0.05	4	370	4	<5	<20	48	0.05	<10	38	<10	1	40

ORKO GOLD CORP. ICP CERTIFICATE OF ANALYSIS AK 98-313 ECO-TECH LABORATORIES LTD.

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
56	113725	10	<0.2	1.43	105	45	<5	0.89	6	15	106	244	4.23	<10	0.71	465	113	0.12	68	770	8	<5	<20	42	0.09	<10	194	<10	5	351
57	113726	10	<0.2	1.36	135	50	<5	1.23	1	14	113	170	3.35	<10	0.71	416	88	0.08	64	690	10	5	<20	53	0.09	<10	201	<10	5	113
QC DATA:																														
Resplit:																														
1	113666	5	<0.2	1.15	<5	160	85	2.26	<1	8	78	72	2.03	<10	0.45	425	31	0.05	5	470	6	<5	<20	111	0.03	<10	22	<10	2	26
36	113705	65	<0.2	1.65	15	60	<5	1.71	<1	17	175	167	3.40	<10	0.68	466	123	0.16	63	1040	10	<5	<20	62	0.12	<10	116	<10	6	71
Repeat:																														
1	113666	5	<0.2	1.16	10	160	45	2.39	<1	8	72	71	2.00	<10	0.46	437	31	0.04	3	480	6	<5	<20	115	0.02	<10	21	<10	2	28
10	113675	5	0.8	1.06	10	190	<5	9.75	<1	5	32	200	1.63	<10	0.52	1814	15	0.03	2	620	4	10	<20	107	<0.01	<10	23	<10	4	28
19	113685	5	<0.2	0.99	10	70	<5	6.24	<1	8	78	111	2.10	<10	0.56	990	40	0.04	5	500	4	5	<20	96	0.05	<10	37	10	4	25
31	113697	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
36	113705	-	<0.2	1.63	10	60	<5	1.69	<1	15	172	157	3.26	<10	0.68	456	118	0.15	62	1020	8	<5	<20	63	0.11	<10	114	<10	5	70
40	113709	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
45	113714	-	<0.2	1.86	10	45	<5	0.87	2	15	122	153	3.36	<10	0.78	364	89	0.15	70	790	14	<5	<20	48	0.09	<10	221	<10	6	139
Standard:																														
GEO'98		125	1.0	1.80	65	165	5	1.85	<1	19	65	78	3.88	<10	0.96	658	<1	0.03	24	660	26	5	<20	53	0.10	<10	71	<10	5	74
GEO'98		130	1.0	1.70	65	160	10	1.90	<1	20	61	78	4.07	<10	0.98	670	1	0.02	22	710	22	<5	<20	56	0.12	<10	77	<10	6	79

ECO-TECH LABORATORIES LTD.
Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

16-Jul-98

ECO-TECH LABORATORIES LTD.
10041 East Trans Canada Highway
KAMLOOPS, B.C.
V2C 6T4

Phone: 250-573-5700
Fax : 250-573-4557

ICP CERTIFICATE OF ANALYSIS AK 98-310

Post-it™ Fax Note 7671E	Date July 24	# of pages ▸ 5
To	From	
Co./Dept.	Co.	
Phone #	Phone #	
Fax #	Fax #	

ORKO GOLD CORP.
436-470 GRANVILLE STREET
VANCOUVER, BC

ATTENTION: E. LIVGARD

No. of samples received:19
Sample type: CORE
PROJECT #: None Given
SHIPMENT #: None Given
Samples submitted by: Orko Gold

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Tl %	U	V	W	Y	Zn
1	111447	15	0.6	0.30	155	35	<5	1.13	<1	16	114	318	2.87	<10	0.12	225	156	0.03	4	110	14	<5	<20	21	0.01	<10	12	<10	<1	19
2	111448	10	0.2	1.08	300	60	<5	1.79	<1	8	93	121	2.00	<10	0.55	467	51	0.07	3	480	24	15	<20	41	0.05	<10	31	<10	2	34
3	111449	35	<0.2	0.25	30	35	<5	8.23	<1	4	69	31	1.32	<10	0.29	1051	95	0.03	2	490	4	5	<20	219	<0.01	<10	5	10	7	24
4	111450	40	<0.2	0.96	55	65	<5	1.40	<1	10	69	149	1.86	<10	0.33	310	19	0.08	3	420	8	<5	<20	50	0.03	<10	20	10	1	29
5	113651	5	<0.2	0.99	10	55	<5	1.79	<1	7	86	121	1.88	<10	0.40	356	45	0.07	4	520	8	5	<20	49	0.03	<10	21	10	1	28
6	113652	65	<0.2	1.21	<5	130	5	2.13	<1	6	61	29	2.05	<10	0.62	491	14	0.06	4	560	8	10	<20	65	0.04	<10	31	10	2	33
7	113653	35	<0.2	0.98	30	50	<5	1.93	<1	8	57	101	2.60	<10	0.41	484	9	0.04	1	620	8	5	<20	40	0.01	<10	35	10	1	40
8	113654	10	<0.2	0.87	35	65	<5	1.46	<1	12	74	156	2.18	<10	0.43	370	48	0.04	4	390	6	<5	<20	42	0.02	<10	20	10	1	26
9	113655	5	<0.2	0.97	<5	60	<5	1.97	<1	8	75	85	2.12	<10	0.56	513	6	0.04	3	510	8	<5	<20	32	0.02	<10	27	10	2	32
10	113656	15	0.2	0.98	5	75	<5	2.16	<1	8	95	54	2.04	<10	0.50	488	9	0.04	4	470	6	<5	<20	44	0.02	<10	20	<10	2	29
11	113657	5	<0.2	0.82	5	85	<5	0.95	<1	7	102	230	1.75	<10	0.38	340	8	0.05	4	390	8	<5	<20	32	0.03	<10	24	40	2	26
12	113658	5	<0.2	1.58	<5	125	<5	2.52	<1	6	84	25	1.92	<10	0.64	605	3	0.10	4	580	10	5	<20	77	0.05	<10	26	10	2	31
13	113659	5	<0.2	1.40	<5	140	<5	2.70	<1	6	53	19	2.06	<10	0.67	681	2	0.08	4	590	8	5	<20	64	0.08	<10	40	10	4	33
14	113660	20	<0.2	1.35	5	145	<5	2.21	<1	5	96	28	1.57	<10	0.50	542	76	0.10	3	500	10	<5	<20	81	0.06	<10	24	<10	2	22
15	113661	10	<0.2	0.83	10	40	<5	1.58	<1	7	65	120	1.88	<10	0.33	436	10	0.07	4	540	6	<5	<20	44	0.04	<10	29	10	<1	25
16	113662	5	<0.2	0.41	<5	60	<5	2.01	<1	5	242	64	1.24	<10	0.19	307	29	0.03	5	210	2	<5	<20	23	0.01	<10	13	10	<1	10
17	113663	5	<0.2	1.29	<5	125	<5	3.69	<1	6	32	22	1.99	<10	0.65	687	5	0.04	3	630	8	10	<20	57	0.03	<10	30	10	3	32
18	113664	5	<0.2	1.81	15	165	10	0.38	<1	18	98	57	3.77	<10	1.12	785	<1	0.06	36	570	16	<5	<20	19	0.22	<10	86	10	5	87
19	113665	25	<0.2	0.72	50	90	<5	1.09	<1	6	105	63	1.66	<10	0.28	408	44	0.03	4	340	6	<5	<20	26	0.02	<10	15	10	2	24

ORKO GOLD CORP. ICP CERTIFICATE OF ANALYSIS AK 98-313 ECO-TECH LABORATORIES LTD.

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
21	113687	5	<0.2	1.17	15	55	<5	3.32	<1	8	77	182	2.21	<10	0.35	657	16	0.10	3	570	6	<5	<20	100	0.03	<10	21	10	2	20
22	113688	20	0.2	0.76	55	65	<5	4.26	<1	11	76	223	2.25	<10	0.44	798	8	0.04	5	470	4	<5	<20	151	0.03	<10	18	10	3	28
23	113689	5	<0.2	2.08	<5	100	<5	0.74	<1	19	98	164	4.67	<10	1.42	765	7	0.05	24	540	10	<5	<20	19	0.20	<10	127	<10	8	85
24	113690	5	<0.2	1.61	5	75	5	0.28	<1	16	95	84	3.75	<10	1.10	652	5	0.05	20	480	10	<5	<20	6	0.17	<10	107	<10	7	77
25	113691	160	0.2	0.69	25	95	<5	2.77	<1	12	67	163	3.96	<10	0.87	1235	20	0.03	30	460	2	10	<20	142	0.03	<10	33	<10	8	58
26	113692	>1000	2.8	0.92	<5	60	<5	1.35	1	15	68	1000	3.14	<10	0.47	580	16	0.04	4	490	6	<5	<20	42	0.03	<10	39	<10	3	54
27	113693	5	<0.2	1.82	10	85	<5	3.11	<1	17	57	328	3.88	<10	1.18	874	15	0.05	7	810	8	<5	<20	60	0.09	<10	87	<10	4	50
28	113694	5	<0.2	0.75	5	50	<5	1.29	<1	5	109	55	1.32	<10	0.29	319	7	0.07	5	290	4	<5	<20	42	0.03	<10	22	10	2	15
29	113695	20	<0.2	0.86	200	70	<5	6.19	<1	7	67	103	2.05	<10	0.49	823	95	0.04	3	470	4	5	<20	105	0.02	<10	24	20	4	26
30	113696	>1000	<0.2	1.47	75	120	<5	2.93	<1	11	65	153	2.78	<10	0.86	892	28	0.06	5	710	6	<5	<20	39	0.10	<10	70	10	5	42
31	113697	10	<0.2	1.35	5	135	<5	2.30	<1	10	59	69	2.33	<10	0.86	607	60	0.06	6	570	6	5	<20	61	0.06	<10	55	<10	3	36
32	113701	10	<0.2	0.71	20	45	<5	0.92	<1	13	91	131	2.60	<10	0.24	220	73	0.11	64	810	4	<5	<20	46	0.06	<10	51	<10	4	62
33	113702	5	<0.2	0.55	<5	35	<5	0.67	<1	14	76	165	2.90	<10	0.21	179	141	0.08	62	730	2	<5	<20	19	0.06	<10	57	<10	3	58
34	113703	5	<0.2	1.71	<5	65	<5	0.85	<1	14	158	127	3.16	<10	0.92	390	51	0.14	68	880	8	<5	<20	45	0.08	<10	138	<10	5	100
35	113704	5	<0.2	0.82	10	45	<5	0.72	<1	14	163	134	2.90	<10	0.58	319	66	0.07	69	710	6	<5	<20	14	0.09	<10	123	<10	3	75
36	113705	10	<0.2	1.67	5	65	<5	1.72	<1	16	173	163	3.33	<10	0.70	464	120	0.16	61	1020	8	<5	<20	67	0.11	<10	117	<10	6	67
37	113706	25	<0.2	1.58	455	45	<5	1.48	<1	14	119	169	3.09	<10	0.71	395	154	0.11	64	740	10	5	<20	101	0.09	<10	159	<10	4	91
38	113707	5	<0.2	1.35	25	45	<5	1.20	<1	14	107	200	2.96	<10	0.46	304	154	0.11	61	800	8	<5	<20	85	0.08	<10	110	<10	5	67
39	113708	5	<0.2	1.18	10	45	<5	1.00	<1	19	132	224	3.22	<10	0.42	275	128	0.12	61	630	6	<5	<20	34	0.08	<10	107	<10	4	68
40	113709	5	<0.2	1.73	15	55	<5	2.42	<1	14	120	221	3.37	<10	0.81	646	176	0.12	55	780	10	<5	<20	96	0.10	<10	165	10	5	80
41	113710	10	0.4	0.53	<5	40	<5	0.58	<1	17	145	538	3.85	<10	0.21	240	48	0.05	16	100	<2	<5	<20	17	0.03	<10	37	10	<1	18
42	113711	10	<0.2	1.35	285	55	<5	1.30	1	14	125	218	3.73	<10	0.82	515	418	0.12	59	650	8	10	<20	26	0.11	<10	185	<10	4	93
43	113712	5	<0.2	0.91	5	45	<5	1.27	<1	7	96	97	1.91	<10	0.43	367	28	0.06	6	320	6	<5	<20	29	0.05	<10	33	<10	2	23
44	113713	10	<0.2	2.33	<5	60	<5	1.45	2	13	105	127	3.04	<10	0.92	479	100	0.18	57	900	12	10	<20	150	0.08	<10	169	<10	5	125
45	113714	10	<0.2	1.88	<5	45	<5	0.87	2	14	120	152	3.28	<10	0.79	361	86	0.16	68	760	12	<5	<20	49	0.09	<10	221	<10	6	137
46	113715	120	<0.2	1.54	<5	70	<5	9.76	1	14	99	181	3.27	<10	0.96	1332	46	0.06	49	630	16	15	<20	414	0.08	<10	166	<10	8	87
47	113716	25	<0.2	2.32	15	55	<5	2.23	1	14	123	168	3.99	<10	1.11	658	77	0.11	61	790	14	<5	<20	127	0.07	<10	235	<10	6	101
48	113717	15	<0.2	1.09	<5	60	<5	>10	1	12	83	140	3.14	<10	0.77	1446	69	0.04	52	630	8	10	<20	403	0.03	<10	118	<10	11	102
49	113718	5	<0.2	1.27	30	45	<5	1.16	1	18	123	165	3.90	<10	1.03	585	92	0.07	66	850	8	<5	<20	21	0.08	<10	148	<10	4	117
50	113719	10	<0.2	0.84	65	35	<5	1.53	1	15	136	157	3.63	<10	0.59	433	114	0.08	67	810	4	5	<20	22	0.08	<10	99	<10	3	111
51	113720	15	<0.2	0.92	10	40	<5	1.29	2	15	126	153	3.74	<10	0.46	546	99	0.11	74	890	8	<5	<20	32	0.10	<10	130	<10	5	203
52	113721	10	<0.2	1.43	5	50	<5	1.28	4	16	146	139	4.05	<10	0.69	481	59	0.15	81	710	10	<5	<20	41	0.09	<10	200	<10	4	272
53	113722	15	<0.2	0.75	<5	40	<5	0.72	3	16	126	184	3.94	<10	0.36	321	91	0.09	71	800	6	<5	<20	20	0.09	<10	132	<10	5	175
54	113723	5	<0.2	0.79	<5	30	<5	1.09	3	14	109	141	3.47	<10	0.27	254	94	0.10	64	740	6	<5	<20	25	0.08	<10	102	<10	5	205
55	113724	10	<0.2	1.17	<5	40	<5	1.20	2	13	109	214	3.47	<10	0.11	223	148	0.19	63	710	8	<5	<20	62	0.07	<10	58	<10	5	105

Eco-Tech LABORATORIES LTD.

ASSAYING
GEOCHEMISTRY
ANALYTICAL CHEMISTRY
ENVIRONMENTAL TESTING

10041 E. Trans Canada Hwy., R.R. #2, Kamloops, B.C. V2C 6T4 Phone (250) 573-5700
Fax (250) 573-4557

CERTIFICATE OF ANALYSIS AK 98- 269

ORKO GOLD CORP.
436-470 GRANVILLE STREET
VANCOUVER, BC
V6C 1V5

3-Jul-98

ATTENTION: E. LIVGARD

No. of samples received: 21
Sample type: Core
PROJECT #: None Given
SHIPMENT #: None Given
Samples submitted by: E. Livgard

ET #.	Tag #	Au (ppb)	
1	111350	5	98#7
2	111365	15	98#23
3	111366	15	
4	111367	5	
5	111368	5	98#9
6	111369	5	
7	111370	10	
8	111371	15	
9	111372	35	
10	111373	20	
11	111374	5	
12	111375	10	
13	111376	10	
14	111401	5	98#22
15	111402	5	
16	111403	5	
17	111404	15	
18	111405	5	
19	111406	5	
20	111407	5	
21	111408	5	

10-Jul-98

ECO-TECH LABORATORIES LTD.
10041 East Trans Canada Highway
KAMLOOPS, B.C.
V2C 6T4

Phone: 604-573-5700
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ICP CERTIFICATE OF ANALYSIS AK 98-285

ORKO GOLD CORP.
436-470 GRANVILLE STREET
VANCOUVER, BC

ATTENTION: E. LIVGARD

No. of samples received: 19
Sample type: Core
PROJECT #: None Given
SHIPMENT #: None Given
Samples submitted by: Orko Gold

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	111352	5	<0.2	1.65	<5	105	5	2.05	<1	6	44	41	2.49	<10	0.71	570	5	0.09	<1	610	4	10	<20	53	0.08	<10	40	<10	<1	30
2	111353	5	<0.2	2.62	5	95	<5	2.56	<1	7	48	195	3.04	<10	0.79	562	23	0.19	<1	750	8	<5	<20	91	0.09	<10	54	<10	<1	32
3	111354	5	<0.2	1.27	30	50	<5	1.18	<1	8	95	215	2.01	<10	0.37	274	35	0.11	<1	360	4	<5	<20	51	0.05	<10	22	<10	<1	13
4	111355	5	<0.2	1.77	<5	70	<5	1.58	<1	6	54	88	1.94	<10	0.52	373	43	0.14	<1	590	6	<5	<20	68	0.07	<10	27	<10	<1	19
5	111356	5	<0.2	1.73	5	80	<5	1.34	<1	7	51	145	2.41	<10	0.58	355	3	0.13	<1	580	6	<5	<20	64	0.07	<10	34	<10	<1	24
6	111357	5	<0.2	2.10	<5	135	5	1.73	<1	7	53	47	2.29	<10	0.76	502	4	0.14	<1	630	6	<5	<20	70	0.11	<10	39	<10	<1	27
7	111358	5	<0.2	1.14	10	100	<5	1.78	<1	6	76	98	2.07	<10	0.47	407	26	0.07	<1	450	2	<5	<20	39	0.04	<10	26	<10	<1	21
8	111409	5	<0.2	2.03	5	70	<5	1.04	3	19	125	205	4.61	<10	1.24	610	100	0.14	62	730	6	<5	<20	42	0.15	<10	190	<10	3	246
9	111410	5	<0.2	2.25	<5	70	<5	0.78	<1	19	125	195	4.74	<10	1.47	709	20	0.12	48	620	6	<5	<20	29	0.18	<10	183	<10	3	146
10	111411	5	<0.2	1.48	10	65	<5	0.72	<1	16	114	138	3.79	<10	0.94	747	95	0.05	29	440	4	<5	<20	18	0.16	<10	84	<10	4	67
11	111412	5	<0.2	1.55	<5	90	<5	0.73	<1	12	119	74	3.20	<10	0.92	630	20	0.07	16	270	2	<5	<20	15	0.16	<10	75	<10	4	50
12	111413	5	<0.2	0.77	65	70	<5	2.90	<1	8	100	112	1.80	<10	0.32	682	27	0.03	<1	400	2	<5	<20	116	0.05	<10	32	<10	3	11
13	111428	5	<0.2	2.24	5	65	<5	1.60	<1	17	140	169	3.75	<10	1.59	861	21	0.09	47	1000	6	<5	<20	37	0.14	<10	103	<10	3	87
14	111429	5	0.8	1.66	45	95	<5	3.90	<1	12	88	100	5.86	<10	1.45	2920	21	0.03	33	970	4	<5	<20	111	0.04	<10	79	<10	11	118
15	111430	5	<0.2	2.09	20	55	<5	0.87	<1	14	115	143	3.50	<10	1.34	589	67	0.07	57	920	6	5	<20	24	0.08	<10	134	<10	5	95
16	111431	5	<0.2	1.64	10	40	<5	1.23	2	16	116	184	3.80	<10	0.92	628	72	0.11	62	810	4	<5	<20	39	0.07	<10	166	<10	5	128
17	111432	5	<0.2	2.14	35	75	<5	1.38	1	15	138	174	3.55	<10	1.31	670	52	0.10	56	860	6	15	<20	53	0.12	<10	210	<10	6	129
18	111433	5	<0.2	1.44	<5	75	<5	0.53	<1	13	104	120	3.28	<10	0.91	610	14	0.06	38	360	4	<5	<20	14	0.14	<10	73	<10	5	68
19	111434	240	<0.2	2.60	85	85	<5	1.29	1	14	122	178	3.92	<10	1.17	619	61	0.19	62	860	8	<5	<20	59	0.09	<10	213	<10	6	150

30-Jun-98

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10041 East Trans Canada Highway
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ICP CERTIFICATE OF ANALYSIS AK 98-259

ORKO GOLD CORP.
436-470 GRANVILLE STREET
VANCOUVER, BC

ATTENTION: E. LIVGARD

No. of samples received: 14
Sample type: Core
PROJECT #: None Given
SHIPMENT #: None Given
Samples submitted by: E. Livgard

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	111332	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	111333	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	111334	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	111342	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	111343	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	111344	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7	111345	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	111346	65	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	111347	235	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	111348	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11	111349	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	111351	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	111400	10	0.4	1.00	15	50	<5	7.62	<1	10	37	361	2.71	<10	0.52	896	35	0.05	1	740	8	10	<20	487	0.02	<10	31	<10	7	72
14	98-23	5	<0.2	1.62	<5	80	<5	2.35	<1	7	76	108	2.07	<10	0.55	446	14	0.14	4	520	4	<5	<20	84	0.06	<10	28	<10	1	<1

13-Jul-98

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ICP CERTIFICATE OF ANALYSIS AK 98-296

ORKO GOLD CORP.
436-470 GRANVILLE STREET
VANCOUVER, BC

ATTENTION: E. LIVGARD

No. of samples received: 22
Sample type: Core
PROJECT #: None Given
SHIPMENT #: None Given
Samples submitted by: Orko Gold

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	111377	15	<0.2	2.28	10	205	10	0.49	<1	15	121	77	3.73	<10	1.32	789	11	0.07	24	430	6	5	<20	14	0.17	<10	97	<10	<1	86
2	111378	5	<0.2	2.39	<5	230	5	0.44	<1	16	122	70	4.12	<10	1.38	761	9	0.06	25	530	8	10	<20	14	0.15	<10	103	<10	<1	88
3	111379	>1000	0.4	2.12	195	220	<5	1.25	<1	12	78	132	3.59	<10	1.03	772	6	0.03	21	400	2	15	<20	37	0.09	<10	68	<10	1	72
4	111380	5	<0.2	2.55	130	230	5	0.61	<1	16	93	85	4.23	<10	1.41	852	15	0.06	30	460	6	10	<20	28	0.18	<10	108	<10	<1	91
5	111381	35	0.2	0.69	35	90	<5	2.85	<1	18	87	174	3.42	<10	0.82	1333	22	0.02	57	770	6	15	<20	107	0.01	<10	28	<10	5	53
6	111382	>1000	1.6	2.42	<5	185	<5	1.94	<1	17	111	146	4.44	<10	1.40	1124	12	0.11	37	410	4	15	<20	56	0.14	<10	120	<10	<1	80
7	111383	20	<0.2	2.29	40	230	10	0.47	<1	19	102	91	4.12	<10	1.46	833	9	0.09	55	440	4	15	<20	16	0.20	<10	118	<10	<1	90
8	111384	5	<0.2	1.97	<5	170	10	0.62	<1	12	117	67	3.03	<10	1.16	744	16	0.05	42	320	6	10	<20	70	0.15	<10	67	<10	2	78
9	111385	5	<0.2	2.89	10	150	<5	1.40	<1	13	107	73	3.19	<10	1.30	844	80	0.18	45	560	6	<5	<20	63	0.16	<10	153	<10	3	93
10	111386	5	<0.2	3.64	30	160	<5	1.88	<1	17	129	95	3.59	<10	1.53	967	43	0.30	63	810	12	10	<20	78	0.16	<10	216	<10	1	108
11	111387	5	<0.2	2.39	85	110	<5	1.42	<1	16	118	197	3.60	<10	1.18	741	32	0.13	47	670	8	10	<20	79	0.10	<10	162	<10	4	105
12	111388	45	<0.2	1.51	<5	100	<5	3.01	<1	13	97	153	3.01	<10	1.15	999	117	0.05	49	770	4	10	<20	73	0.08	<10	163	<10	6	82
13	111389	170	0.6	1.60	10	110	<5	1.82	<1	15	108	502	3.44	<10	1.00	642	54	0.05	53	660	8	10	<20	78	0.08	<10	144	<10	6	85
14	111390	>1000	1.0	1.25	15	125	<5	2.00	<1	11	95	550	2.64	<10	0.92	700	63	0.07	41	710	<2	10	<20	98	0.07	<10	116	<10	2	55
15	111391	15	<0.2	2.14	15	105	<5	0.51	<1	14	127	136	3.42	<10	1.46	635	59	0.15	52	420	4	<5	<20	27	0.11	<10	107	<10	<1	76
16	111392	30	<0.2	1.76	25	165	<5	1.12	<1	14	181	173	3.03	<10	1.44	653	220	0.07	82	620	4	15	<20	42	0.13	<10	166	<10	2	91
17	111393	20	<0.2	1.31	40	135	<5	2.19	<1	13	151	191	2.90	<10	1.04	814	122	0.06	64	440	4	15	<20	49	0.09	<10	102	<10	<1	99
18	111414	60	<0.2	2.24	25	175	<5	1.36	<1	16	90	196	3.69	<10	1.67	1042	25	0.05	47	580	4	15	<20	36	0.15	<10	142	<10	2	118
19	111415	5	<0.2	2.41	25	225	<5	0.34	<1	15	95	125	4.17	<10	1.36	725	26	0.05	30	490	6	<5	<20	21	0.17	<10	124	<10	<1	88
20	111416	95	<0.2	2.20	10	155	<5	0.40	<1	16	87	149	3.99	<10	1.29	531	7	0.04	32	500	4	<5	<20	23	0.16	<10	109	<10	1	72
21	113681	10	<0.2	1.84	<5	125	<5	0.32	<1	13	78	140	3.70	<10	1.50	922	44	0.10	21	250	6	10	<20	17	0.15	<10	96	<10	2	71

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CERTIFICATE OF ASSAY AK 98-296

ORKO GOLD CORP.
436-470 GRANVILLE STREET
VANCOUVER, BC

13-Jul-98

ATTENTION: E. LIVGARD

No. of samples received: 22
Sample type: Core
PROJECT #: None Given
SHIPMENT #: None Given
Samples submitted by: Orko Gold

ET #.	Tag #	Au (g/t)	Au (oz/t)
3	111379	2.22	0.065
6	111382	4.52	0.132
14	111390	3.15	0.092

98#19

QC/DATA:

Repeat:

3	111379	2.06	0.060

Standard:

STD-M	1.40	0.041

per

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B.C. Certified Assayer

XLS/98

10-Jul-98

ECO-TECH LABORATORIES LTD.
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V2C 6T4

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ICP CERTIFICATE OF ANALYSIS AK 98-286

ORKO GOLD CORP.
436-470 GRANVILLE STREET
VANCOUVER, BC

ATTENTION: E. LIVGARD

No. of samples received: 17
Sample type: Core
PROJECT #: None Given
SHIPMENT #: None Given
Samples submitted by: Orko Gold

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	111359	5	<0.2	1.92	15	110	<5	1.77	<1	6	61	63	2.15	<10	0.68	450	6	0.14	<1	570	4	5	<20	71	0.08	<10	31	<10	<1	23
2	111360	5	<0.2	1.55	15	75	<5	1.08	<1	6	69	99	2.00	<10	0.54	359	17	0.13	<1	380	6	<5	<20	58	0.07	<10	30	<10	<1	21
3	111361	5	<0.2	1.42	<5	70	<5	1.34	<1	6	49	67	1.95	<10	0.56	364	25	0.10	<1	590	4	<5	<20	45	0.08	<10	28	10	<1	20
4	111362	10	<0.2	1.65	<5	75	<5	1.47	<1	7	75	74	2.05	<10	0.56	396	14	0.13	<1	550	6	<5	<20	55	0.08	<10	30	<10	<1	20
5	111363	5	<0.2	1.48	10	80	<5	2.80	<1	7	46	145	2.43	<10	0.65	557	37	0.08	<1	580	4	5	<20	53	0.04	<10	30	10	2	27
6	111435	5	<0.2	1.41	10	60	<5	1.41	<1	12	73	149	2.62	<10	0.67	527	54	0.06	35	770	4	<5	<20	19	0.09	<10	79	<10	3	56
7	111436	5	<0.2	2.74	5	65	<5	1.43	<1	14	126	138	3.24	<10	1.46	558	43	0.18	63	1000	10	<5	<20	42	0.11	<10	155	<10	5	102
8	111437	5	<0.2	2.62	<5	65	<5	1.59	<1	14	125	150	2.85	<10	0.93	437	51	0.22	63	900	10	<5	<20	100	0.08	<10	118	<10	3	90
9	111438	25	1.4	1.21	<5	45	<5	3.27	1	11	82	175	2.52	<10	0.39	752	188	0.09	38	780	14	15	<20	86	0.07	<10	65	<10	3	74
10	111439	65	<0.2	1.29	<5	100	<5	1.90	<1	10	66	204	2.39	<10	0.62	518	13	0.04	<1	490	4	<5	<20	40	0.06	<10	39	<10	1	29
11	111440	5	<0.2	1.35	<5	70	<5	3.44	<1	14	36	178	3.08	<10	0.64	838	7	0.04	1	750	8	<5	<20	36	0.08	<10	56	<10	1	38
12	111441	5	<0.2	1.35	10	65	<5	1.96	<1	15	48	226	3.54	<10	0.70	703	14	0.05	2	820	8	<5	<20	29	0.10	<10	64	<10	<1	47
13	111442	5	<0.2	1.49	10	60	<5	1.71	<1	17	34	207	3.60	<10	0.72	668	24	0.07	2	790	6	<5	<20	30	0.10	<10	65	<10	<1	42
14	111443	5	<0.2	1.39	15	55	<5	1.81	<1	15	34	185	3.16	<10	0.52	534	8	0.05	2	800	6	<5	<20	77	0.08	<10	59	<10	2	42
15	111444	90	<0.2	1.39	10	65	<5	2.54	<1	16	49	212	3.12	<10	0.61	763	12	0.05	2	780	6	5	<20	39	0.08	<10	66	<10	2	46
16	111445	5	<0.2	1.30	10	60	<5	3.05	<1	13	44	206	3.24	<10	0.66	725	18	0.05	3	730	6	<5	<20	36	0.07	<10	68	<10	1	39
17	111446	5	<0.2	1.02	10	70	<5	6.95	2	8	42	81	2.35	<10	0.61	945	24	0.02	<1	440	6	<5	<20	80	0.04	<10	43	<10	5	25

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CERTIFICATE OF ASSAY AK 98-248

29-Jun-98

ORKO GOLD CORP.
436-470 GRANVILLE STREET
VANCOUVER, BC

ATTENTION: E. LIVGARD

No. of samples received:13
Sample type:Core
PROJECT #: Bonaparte
SHIPMENT #:None given
Samples submitted by: Bonaparte

ET #.	Tag #	Au (g/t)	Au (oz/t)	
2	111327	2.86	0.083	✓
3	111328	8.29	0.242	✓

98 #6 0.7 mm 0.9 mm

QC/DATA:

Repeat:

2	111327	3.27	0.095

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CERTIFICATE OF ANALYSIS AK 98-230

ORKO GOLD CORP.
436-470 GRANVILLE STREET
VANCOUVER, BC
V6C 1V5

24-Jun-98

ATTENTION: E. LIVGARD

No. of samples received: 6
Sample type: Rock
PROJECT #: Orko Gold Corp.
SHIPMENT #:None given
Samples submitted by: E. Livgard

ET #.	Tag #	Au (ppb)	
1	111301	5	98#3
2	111302	5	
3	111303	>1000	
4	111304	10	
5	111305	5	98#4
6	111306	5	

QC DATA:

Resplit:

R/S 1	111301	5

Repeat:

1	111301	5

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CERTIFICATE OF ANALYSIS AK 98- 239

26-Jun-98

ORKO GOLD
436 - 470 GRANVILLE STREET
VANCOUVER, BC
V2C 1V5

ATTENTION: E. LIVGARD

No. of samples received:4
Sample type: ROCK
PROJECT #: None given
SHIPMENT #:None given
Samples submitted by: ED FREY

ET #.	Tag #	Au (ppb)
1	111307	5
2	111308	10
3	111309	5
4	111310	5

#98-5

QC DATA:

Resplit:

R/S 1	5

Repeat:

1	5

Standard:

GEO'98	160

per

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29-Jun-98

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ICP CERTIFICATE OF ANALYSIS AK 98-243

ORKO GOLD CORP.
436-470 GRANVILLE STREET
VANCOUVER, BC

ATTENTION: E. LIVGARD

No. of samples received: 20
Sample type: Rock
PROJECT #: Bonaparte
SHIPMENT #: None Given
Samples submitted by: Ed. Frey

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	111311	10	<0.2	1.57	10	110	<5	2.23	<1	8	88	59	2.42	<10	0.47	552	9	0.10	7	650	4	5	<20	73	0.04	<10	31	10	<1	30
2	111312	10	0.4	0.98	20	65	<5	3.49	<1	8	43	125	2.25	<10	0.32	715	7	0.06	5	390	4	15	<20	46	<0.01	<10	19	<10	1	29
3	111313	10	0.4	1.23	10	60	<5	2.97	<1	8	40	52	2.39	<10	0.39	592	4	0.09	5	670	4	10	<20	117	0.02	<10	26	<10	<1	26
4	111314	10	<0.2	1.60	<5	80	<5	2.42	<1	9	62	79	2.73	<10	0.65	585	41	0.06	7	620	6	5	<20	55	0.03	<10	35	10	<1	33
5	111315	85	<0.2	0.33	<5	35	<5	0.28	<1	2	159	28	0.74	<10	0.11	129	2	0.03	6	90	<2	<5	<20	3	0.02	<10	9	<10	<1	2
6	111316	30	<0.2	1.12	<5	35	<5	1.20	<1	20	88	228	2.86	<10	0.43	356	16	0.07	7	340	4	<5	<20	32	0.04	<10	27	10	<1	19
7	111317	5	<0.2	1.22	<5	145	<5	2.99	<1	5	49	48	2.05	<10	0.61	575	103	0.07	3	510	6	10	<20	112	0.04	<10	31	<10	<1	26
8	111318	5	<0.2	1.46	<5	80	<5	1.41	<1	7	72	79	2.13	<10	0.55	483	109	0.10	5	450	8	<5	<20	63	0.07	<10	32	<10	<1	24
9	111319	10	<0.2	1.36	5	115	<5	1.79	<1	6	71	43	2.01	<10	0.61	444	9	0.06	5	490	4	<5	<20	46	0.04	<10	30	10	1	25
10	111320	5	<0.2	1.63	5	130	5	1.83	<1	9	56	44	2.50	<10	0.78	672	10	0.11	4	760	8	10	<20	56	0.09	<10	52	<10	1	37
11	111321	5	<0.2	0.99	<5	100	<5	1.27	<1	6	85	57	1.66	<10	0.44	382	10	0.06	5	380	4	<5	<20	100	0.06	<10	36	10	<1	19
12	111322	5	<0.2	0.95	35	45	<5	1.51	<1	7	73	124	1.68	<10	0.34	389	6	0.07	5	470	4	5	<20	65	0.04	<10	26	<10	<1	18
13	111323	5	0.4	1.49	10	85	<5	3.07	<1	6	62	32	2.09	<10	0.68	622	22	0.08	4	570	4	<5	<20	113	0.02	<10	27	<10	<1	28
14	111324	5	<0.2	1.53	<5	140	<5	2.32	<1	6	51	34	2.22	<10	0.71	633	2	0.07	4	610	6	<5	<20	63	0.05	<10	33	<10	1	31
15	111325	5	<0.2	1.47	<5	110	<5	1.91	<1	7	66	33	2.10	<10	0.73	698	8	0.07	4	580	8	<5	<20	64	0.06	<10	30	<10	<1	31
16	111461	25	0.2	0.77	10	115	<5	0.25	<1	6	79	52	1.89	<10	0.49	292	5	0.06	5	470	14	<5	<20	32	0.06	<10	30	<10	<1	32
17	111462	155	0.6	0.78	60	90	<5	0.16	<1	10	119	374	1.94	<10	0.40	183	8	0.03	4	460	4	<5	<20	2	0.08	<10	37	<10	1	20
18	111463	>1000	1.2	0.50	25	35	<5	0.16	<1	8	119	191	2.33	<10	0.13	136	92	0.04	4	140	<2	<5	<20	8	0.02	<10	12	10	<1	4
19	111464	>1000	1.4	0.63	65	80	<5	0.12	<1	15	131	308	3.11	<10	0.23	341	38	0.03	10	280	4	<5	<20	3	0.10	<10	23	<10	<1	15
20	111465	10	<0.2	1.12	10	75	<5	0.30	<1	6	65	66	2.13	<10	0.59	276	5	0.07	5	550	8	<5	<20	39	0.07	<10	36	<10	1	24

29-Jun-98

ECO-TECH LABORATORIES LTD.
10041 East Trans Canada Highway
KAMLOOPS, B.C.
V2C 6T4

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ICP CERTIFICATE OF ANALYSIS AK 98-248

ORKO GOLD CORP.
436-470 GRANVILLE STREET
VANCOUVER, BC

ATTENTION: E. LIVGARD

No. of samples received:13
Sample type:Core
PROJECT #: Bonaparte
SHIPMENT #:None given
Samples submitted by: Bonaparte

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	111326	15	0.2	0.46	15	65	<5	4.33	<1	8	107	68	1.17	<10	0.21	768	154	0.02	5	270	<2	<5	<20	79	<0.01	<10	8	20	2	15
2	111327	>1000	6.6	0.34	15	40	<5	6.29	3	24	114	2687	2.09	<10	0.12	760	12	0.02	7	190	<2	<5	<20	129	<0.01	<10	5	<10	3	56
3	111328	>1000	1.6	0.33	60	30	<5	0.18	<1	18	136	162	1.79	<10	0.11	174	5	0.02	7	90	<2	<5	<20	9	<0.01	<10	5	<10	<1	7
4	111329	20	<0.2	1.42	<5	95	<5	3.11	<1	7	69	64	2.32	<10	0.74	782	16	0.09	5	610	4	10	<20	71	0.08	<10	45	<10	3	34
5	111330	30	<0.2	0.68	10	50	<5	2.45	<1	5	94	67	1.97	<10	0.54	510	8	0.06	5	540	4	10	<20	94	0.03	<10	33	10	1	39
6	111331	25	<0.2	1.96	10	110	15	2.01	<1	12	68	9	3.78	10	1.22	722	<1	0.09	3	1130	4	<5	<20	66	0.22	<10	101	<10	4	61
7	111335	5	<0.2	1.05	10	50	<5	0.59	2	15	79	162	3.02	<10	0.56	282	48	0.10	59	670	<2	<5	<20	36	0.10	<10	95	<10	2	187
8	111336	5	<0.2	0.89	10	35	<5	0.67	5	14	92	165	2.78	<10	0.26	241	79	0.12	64	670	<2	<5	<20	42	0.08	<10	72	<10	3	308
9	111337	5	<0.2	0.97	10	40	<5	0.78	7	15	82	216	3.06	<10	0.39	242	144	0.11	72	770	<2	<5	<20	38	0.08	<10	105	<10	2	430
10	111338	10	<0.2	1.67	10	55	<5	0.97	2	14	122	237	3.33	<10	0.83	503	409	0.15	60	700	2	5	<20	48	0.12	<10	147	<10	3	205
11	111339	5	<0.2	2.50	15	50	<5	1.37	<1	25	118	254	4.62	<10	1.56	727	102	0.18	67	1230	<2	<5	<20	55	0.16	<10	181	<10	1	140
12	111340	5	<0.2	3.18	10	65	<5	1.28	<1	30	168	223	5.26	<10	2.30	839	68	0.18	82	1400	4	5	<20	54	0.19	<10	212	<10	<1	149
13	111341	5	<0.2	3.35	20	45	<5	0.54	2	34	96	373	6.72	<10	2.77	1131	9	0.12	71	600	6	<5	<20	20	0.24	<10	287	<10	<1	303
QC DATA:																														
Resplit:																														
1	111326	10	0.4	0.45	20	55	<5	4.38	<1	8	87	61	1.19	<10	0.21	796	144	0.02	5	260	<2	<5	<20	76	<0.01	<10	9	20	3	16
Repeat:																														
1	111326	15	0.2	0.46	20	55	<5	4.33	<1	8	109	71	1.18	<10	0.21	763	161	0.03	6	280	<2	5	<20	73	<0.01	<10	8	20	2	16
Standard:																														
GEO'98		-	1.4	1.80	60	155	<5	1.80	<1	19	66	78	3.89	<10	0.98	669	<1	0.03	24	620	20	10	<20	54	0.11	<10	75	<10	5	69

df/234
XLS/98

ECO-TECH LABORATORIES LTD.
per Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

ORKO GOLD CORP. ICP CERTIFICATE OF ANALYSIS AK 98-313 **ECO-TECH LABORATORIES LTD.**

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
56	113725	10	<0.2	1.43	105	45	<5	0.89	6	15	106	244	4.23	<10	0.71	465	113	0.12	68	770	8	<5	<20	42	0.09	<10	194	<10	5	351
57	113726	10	<0.2	1.36	135	50	<5	1.23	1	14	113	170	3.35	<10	0.71	416	88	0.08	64	690	10	5	<20	53	0.09	<10	201	<10	5	113
QC DATA:																														
Resplit:																														
1	113666	5	<0.2	1.15	<5	160	85	2.26	<1	8	78	72	2.03	<10	0.45	425	31	0.05	5	470	6	<5	<20	111	0.03	<10	22	<10	2	26
36	113705	65	<0.2	1.65	15	60	<5	1.71	<1	17	175	167	3.40	<10	0.68	465	123	0.16	63	1040	10	<5	<20	62	0.12	<10	116	<10	6	71
Repeat:																														
1	113666	5	<0.2	1.16	10	160	45	2.39	<1	8	72	71	2.00	<10	0.46	437	31	0.04	3	480	6	<5	<20	115	0.02	<10	21	<10	2	28
10	113675	5	0.8	1.06	10	190	<5	9.75	<1	5	32	200	1.63	<10	0.52	1814	15	0.03	2	620	4	10	<20	107	<0.01	<10	23	<10	4	28
19	113685	5	<0.2	0.99	10	70	<5	6.24	<1	8	78	111	2.10	<10	0.56	990	40	0.04	5	500	4	5	<20	96	0.05	<10	37	10	4	25
31	113697	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
36	113705	-	<0.2	1.63	10	60	<5	1.69	<1	15	172	157	3.26	<10	0.68	456	118	0.15	62	1020	8	<5	<20	63	0.11	<10	114	<10	5	70
40	113709	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
45	113714	-	<0.2	1.86	10	45	<5	0.87	2	15	122	153	3.36	<10	0.78	364	89	0.15	70	790	14	<5	<20	48	0.09	<10	221	<10	6	139
Standard:																														
GEO'98		125	1.0	1.80	65	165	5	1.85	<1	19	65	78	3.88	<10	0.96	658	<1	0.03	24	660	26	5	<20	53	0.10	<10	71	<10	5	74
GEO'98		130	1.0	1.70	65	160	10	1.90	<1	20	61	78	4.07	<10	0.98	670	1	0.02	22	710	22	<5	<20	56	0.12	<10	77	<10	6	79

df/307
XLS/98

ECO-TECH LABORATORIES LTD.
Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

16-Jul-98

ECO-TECH LABORATORIES LTD.
10041 East Trans Canada Highway
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ICP CERTIFICATE OF ANALYSIS AK 98-310

ORKO GOLD CORP.
436-470 GRANVILLE STREET
VANCOUVER, BC

ATTENTION: E. LIVGARD

No. of samples received:19
Sample type: CORE
PROJECT #: None Given
SHIPMENT #: None Given
Samples submitted by: Orko Gold

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	111447	15	0.6	0.30	155	35	<5	1.13	<1	16	114	318	2.87	<10	0.12	225	156	0.03	4	110	14	<5	<20	21	0.01	<10	12	<10	<1	19
2	111448	10	0.2	1.08	300	60	<5	1.79	<1	8	93	121	2.00	<10	0.55	467	51	0.07	3	480	24	15	<20	41	0.05	<10	31	<10	2	34
3	111449	35	<0.2	0.25	30	35	<5	8.23	<1	4	69	31	1.32	<10	0.29	1051	95	0.03	2	490	4	5	<20	219	<0.01	<10	5	10	7	24
4	111450	40	<0.2	0.96	55	65	<5	1.40	<1	10	69	149	1.86	<10	0.33	310	19	0.08	3	420	8	<5	<20	50	0.03	<10	20	10	1	29
5	113651	5	<0.2	0.99	10	55	<5	1.79	<1	7	86	121	1.88	<10	0.40	356	45	0.07	4	520	8	5	<20	49	0.03	<10	21	10	1	28
6	113652	65	<0.2	1.21	<5	130	5	2.13	<1	6	61	29	2.05	<10	0.62	491	14	0.06	4	560	8	10	<20	65	0.04	<10	31	10	2	33
7	113653	35	<0.2	0.98	30	50	<5	1.93	<1	8	57	101	2.60	<10	0.41	484	9	0.04	1	620	8	5	<20	40	0.01	<10	35	10	1	40
8	113654	10	<0.2	0.87	35	65	<5	1.46	<1	12	74	156	2.18	<10	0.43	370	48	0.04	4	390	6	<5	<20	42	0.02	<10	20	10	1	26
9	113655	5	<0.2	0.97	<5	60	<5	1.97	<1	8	75	85	2.12	<10	0.56	513	6	0.04	3	510	8	<5	<20	32	0.02	<10	27	10	2	32
10	113656	15	0.2	0.98	5	75	<5	2.16	<1	8	95	54	2.04	<10	0.50	488	9	0.04	4	470	6	<5	<20	44	0.02	<10	20	<10	2	29
11	113657	5	<0.2	0.82	5	85	<5	0.95	<1	7	102	230	1.75	<10	0.38	340	8	0.05	4	390	8	<5	<20	32	0.03	<10	24	40	2	26
12	113658	5	<0.2	1.58	<5	125	<5	2.52	<1	6	84	25	1.92	<10	0.64	605	3	0.10	4	580	10	5	<20	77	0.05	<10	26	10	2	31
13	113659	5	<0.2	1.40	<5	140	<5	2.70	<1	6	53	19	2.06	<10	0.67	681	2	0.08	4	590	8	5	<20	64	0.08	<10	40	10	4	33
14	113660	20	<0.2	1.35	5	145	<5	2.21	<1	5	96	28	1.57	<10	0.50	542	76	0.10	3	500	10	<5	<20	81	0.06	<10	24	<10	2	22
15	113661	10	<0.2	0.83	10	40	<5	1.58	<1	7	65	120	1.88	<10	0.33	436	10	0.07	4	540	6	<5	<20	44	0.04	<10	29	10	<1	25
16	113662	5	<0.2	0.41	<5	60	<5	2.01	<1	5	242	64	1.24	<10	0.19	307	29	0.03	5	210	2	<5	<20	23	0.01	<10	13	10	<1	10
17	113663	5	<0.2	1.29	<5	125	<5	3.69	<1	6	32	22	1.99	<10	0.65	687	5	0.04	3	630	8	10	<20	57	0.03	<10	30	10	3	32
18	113664	5	<0.2	1.81	15	165	10	0.38	<1	18	98	57	3.77	<10	1.12	785	<1	0.06	36	570	16	<5	<20	19	0.22	<10	86	10	5	87
19	113665	25	<0.2	0.72	50	90	<5	1.09	<1	6	105	63	1.66	<10	0.28	408	44	0.03	4	340	6	<5	<20	26	0.02	<10	15	10	2	24

V

ECO-TECH LABORATORIES LTD.

ICP CERTIFICATE OF ANALYSIS AK 98-313

ORKO GOLD CORP.

Et #	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
21	113687	5	<0.2	1.17	15	55	<5	3.32	<1	8	77	182	2.21	<10	0.35	657	16	0.10	3	570	6	<5	<20	100	0.03	<10	21	10	2	20
22	113688	20	0.2	0.76	55	65	<5	4.26	<1	11	76	223	2.25	<10	0.44	798	8	0.04	5	470	4	<5	<20	151	0.03	<10	18	10	3	28
23	113689	5	<0.2	2.08	<5	100	<5	0.74	<1	19	98	164	4.67	<10	1.42	765	7	0.05	24	540	10	<5	<20	19	0.20	<10	127	<10	8	85
24	113690	5	<0.2	1.61	5	75	5	0.28	<1	16	95	84	3.75	<10	1.10	652	5	0.05	20	480	10	<5	<20	6	0.17	<10	107	<10	7	77
25	113691	160	0.2	0.69	25	95	<5	2.77	<1	12	67	163	3.96	<10	0.87	1235	20	0.03	30	460	2	10	<20	142	0.03	<10	33	<10	8	58
26	113692	>1000	2.8	0.92	<5	60	<5	1.35	1	15	68	1000	3.14	<10	0.47	580	16	0.04	4	490	6	<5	<20	42	0.03	<10	39	<10	3	54
27	113693	5	<0.2	1.82	10	85	<5	3.11	<1	17	57	328	3.88	<10	1.18	874	15	0.05	7	810	8	<5	<20	60	0.09	<10	87	<10	4	50
28	113694	5	<0.2	0.75	5	50	<5	1.29	<1	5	109	55	1.32	<10	0.29	319	7	0.07	5	290	4	<5	<20	42	0.03	<10	22	10	2	15
29	113695	20	<0.2	0.86	200	70	<5	6.19	<1	7	67	103	2.05	<10	0.49	823	95	0.04	3	470	4	5	<20	105	0.02	<10	24	20	4	26
30	113696	>1000	<0.2	1.47	75	120	<5	2.93	<1	11	65	153	2.78	<10	0.86	892	28	0.06	5	710	6	<5	<20	39	0.10	<10	70	10	5	42
31	113697	10	<0.2	1.35	5	135	<5	2.30	<1	10	59	69	2.33	<10	0.86	607	60	0.06	6	570	6	5	<20	61	0.06	<10	55	<10	3	36
32	113701	10	<0.2	0.71	20	45	<5	0.92	<1	13	91	131	2.60	<10	0.24	220	73	0.11	64	810	4	<5	<20	46	0.06	<10	51	<10	4	62
33	113702	5	<0.2	0.55	<5	35	<5	0.67	<1	14	76	165	2.90	<10	0.21	179	141	0.08	62	730	2	<5	<20	19	0.06	<10	57	<10	3	58
34	113703	5	<0.2	1.71	<5	65	<5	0.85	<1	14	158	127	3.16	<10	0.92	390	51	0.14	68	880	8	<5	<20	45	0.08	<10	138	<10	5	100
35	113704	5	<0.2	0.82	10	45	<5	0.72	<1	14	163	134	2.90	<10	0.58	319	66	0.07	69	710	6	<5	<20	14	0.09	<10	123	<10	3	75
36	113705	10	<0.2	1.67	5	65	<5	1.72	<1	16	173	163	3.33	<10	0.70	464	120	0.16	61	1020	8	<5	<20	67	0.11	<10	117	<10	6	67
37	113706	25	<0.2	1.58	455	45	<5	1.48	<1	14	119	169	3.09	<10	0.71	395	154	0.11	64	740	10	5	<20	101	0.09	<10	159	<10	4	91
38	113707	5	<0.2	1.35	25	45	<5	1.20	<1	14	107	200	2.96	<10	0.46	304	154	0.11	61	800	8	<5	<20	85	0.08	<10	110	<10	5	67
39	113708	5	<0.2	1.18	10	45	<5	1.00	<1	19	132	224	3.22	<10	0.42	275	128	0.12	61	630	6	<5	<20	34	0.08	<10	107	<10	4	68
40	113709	5	<0.2	1.73	15	55	<5	2.42	<1	14	120	221	3.37	<10	0.81	646	176	0.12	55	780	10	<5	<20	96	0.10	<10	165	10	5	80
41	113710	10	0.4	0.53	<5	40	<5	0.58	<1	17	145	538	3.85	<10	0.21	240	48	0.05	16	100	<2	<5	<20	17	0.03	<10	37	10	<1	18
42	113711	10	<0.2	1.35	285	55	<5	1.30	1	14	125	218	3.73	<10	0.82	515	418	0.12	59	650	8	10	<20	26	0.11	<10	185	<10	4	93
43	113712	5	<0.2	0.91	5	45	<5	1.27	<1	7	96	97	1.91	<10	0.43	367	28	0.06	6	320	6	<5	<20	29	0.05	<10	33	<10	2	23
44	113713	10	<0.2	2.33	<5	60	<5	1.45	2	13	105	127	3.04	<10	0.92	479	100	0.18	57	900	12	10	<20	150	0.08	<10	169	<10	5	125
45	113714	10	<0.2	1.88	<5	45	<5	0.87	2	14	120	152	3.28	<10	0.79	361	86	0.16	68	760	12	<5	<20	49	0.09	<10	221	<10	6	137
46	113715	120	<0.2	1.54	<5	70	<5	9.76	1	14	99	181	3.27	<10	0.96	1332	46	0.06	49	630	16	15	<20	414	0.08	<10	166	<10	8	87
47	113716	25	<0.2	2.32	15	55	<5	2.23	1	14	123	168	3.99	<10	1.11	658	77	0.11	61	790	14	<5	<20	127	0.07	<10	235	<10	6	101
48	113717	15	<0.2	1.09	<5	60	<5	>10	1	12	83	140	3.14	<10	0.77	1446	69	0.04	52	630	8	10	<20	403	0.03	<10	118	<10	11	102
49	113718	5	<0.2	1.27	30	45	<5	1.16	1	18	123	165	3.90	<10	1.03	585	92	0.07	66	850	8	<5	<20	21	0.08	<10	148	<10	4	117
50	113719	10	<0.2	0.84	65	35	<5	1.53	1	15	136	157	3.63	<10	0.59	433	114	0.08	67	810	4	5	<20	22	0.08	<10	99	<10	3	111
51	113720	15	<0.2	0.92	10	40	<5	1.29	2	15	126	153	3.74	<10	0.46	546	99	0.11	74	890	8	<5	<20	32	0.10	<10	130	<10	5	203
52	113721	10	<0.2	1.43	5	50	<5	1.28	4	16	146	139	4.05	<10	0.69	481	59	0.15	81	710	10	<5	<20	41	0.09	<10	200	<10	4	272
53	113722	15	<0.2	0.75	<5	40	<5	0.72	3	16	126	184	3.94	<10	0.36	321	91	0.09	71	800	6	<5	<20	20	0.09	<10	132	<10	5	175
54	113723	5	<0.2	0.79	<5	30	<5	1.09	3	14	109	141	3.47	<10	0.27	254	94	0.10	64	740	6	<5	<20	25	0.08	<10	102	<10	5	205
55	113724	10	<0.2	1.17	<5	40	<5	1.20	2	13	109	214	3.47	<10	0.11	223	148	0.19	63	710	8	<5	<20	62	0.07	<10	58	<10	5	105

17-Jul-98

ECO-TECH LABORATORIES LTD.
10041 East Trans Canada Highway
KAMLOOPS, B.C.
V2C 6T4

Phone: 250-573-5700
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ICP CERTIFICATE OF ANALYSIS AK 98-313

ORKO GOLD CORP.
436-470 GRANVILLE STREET
VANCOUVER, BC

ATTENTION: E. LIVGARD

No. of samples received: 57
Sample type: Core
PROJECT #: None Given
SHIPMENT #: None Given
Samples submitted by: Orko Gold

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	113666	5	<0.2	1.13	15	160	<5	2.37	<1	8	72	74	1.99	<10	0.45	443	31	0.04	3	450	6	5	<20	117	0.02	<10	21	<10	2	27
2	113667	20	<0.2	1.28	15	165	<5	2.53	<1	9	77	186	2.13	<10	0.52	482	7	0.05	5	420	6	<5	<20	71	0.04	<10	24	<10	2	34
3	113668	5	<0.2	1.29	50	85	<5	2.08	<1	8	80	124	1.93	<10	0.46	419	50	0.10	2	450	4	<5	<20	77	0.04	<10	23	<10	1	23
4	113669	>1000	4.4	0.03	35	20	<5	0.05	<1	36	143	717	3.77	<10	<0.01	259	8	0.01	5	<10	<2	<5	<20	3	<0.01	<10	1	10	<1	11
5	113670	280	0.4	0.15	25	20	<5	0.17	<1	21	133	345	1.90	<10	0.04	249	19	0.02	2	70	<2	<5	<20	5	<0.01	<10	3	10	<1	8
6	113671	15	<0.2	0.92	30	85	<5	0.98	<1	8	105	234	1.81	<10	0.42	433	7	0.06	4	320	4	<5	<20	28	0.05	<10	27	<10	2	28
7	113672	5	<0.2	2.23	10	380	10	1.89	<1	10	105	28	3.58	10	1.08	744	5	0.08	2	990	10	<5	<20	93	0.19	<10	82	10	8	56
8	113673	15	<0.2	1.47	20	90	<5	2.91	<1	11	46	79	3.42	10	0.67	845	11	0.04	4	1010	6	<5	<20	47	0.08	<10	61	<10	11	46
9	113674	5	<0.2	1.11	70	65	<5	3.22	<1	7	57	84	2.16	<10	0.57	641	21	0.06	2	530	4	5	<20	58	0.02	<10	29	<10	3	29
10	113675	5	0.8	1.01	10	210	<5	9.62	<1	4	31	216	1.56	<10	0.50	1784	12	0.03	1	600	4	15	<20	106	<0.01	<10	22	<10	4	30
11	113676	5	<0.2	1.10	10	85	<5	2.01	<1	5	30	37	1.67	<10	0.61	512	7	0.05	4	590	4	<5	<20	87	0.02	<10	25	<10	<1	33
12	113677	5	<0.2	1.12	<5	120	<5	2.01	<1	5	75	24	1.46	<10	0.50	454	8	0.06	3	550	4	<5	<20	121	0.03	<10	23	<10	2	24
13	113678	5	<0.2	1.16	<5	95	<5	2.48	<1	5	24	17	1.55	<10	0.56	549	2	0.04	2	560	4	<5	<20	82	0.02	<10	23	<10	1	24
14	113679	5	<0.2	1.19	<5	165	<5	3.96	<1	5	44	35	1.58	<10	0.50	847	4	0.06	1	630	4	5	<20	374	0.04	<10	30	<10	2	34
15	113680	5	<0.2	0.67	<5	70	<5	2.37	<1	4	127	43	1.34	<10	0.34	505	36	0.04	3	330	2	5	<20	43	0.03	<10	28	<10	2	21
16	113682	5	<0.2	1.16	<5	40	<5	1.13	<1	13	61	258	2.82	<10	0.51	382	204	0.06	5	560	6	<5	<20	37	0.06	<10	35	<10	1	31
17	113683	5	<0.2	2.10	<5	165	5	3.52	<1	17	85	81	3.73	<10	1.43	954	17	0.05	15	740	6	5	<20	96	0.11	<10	84	<10	4	55
18	113684	5	<0.2	2.53	10	110	<5	6.91	<1	18	38	300	4.65	<10	1.67	1365	378	0.08	10	770	10	5	<20	203	0.14	<10	114	<10	5	60
19	113685	5	<0.2	0.99	10	70	<5	6.29	<1	8	66	116	2.02	<10	0.56	994	38	0.04	3	510	2	<5	<20	96	0.05	<10	36	<10	4	26
20	113686	>1000	1.8	0.93	<5	60	<5	1.65	1	15	107	852	2.53	<10	0.40	434	96	0.05	4	370	4	<5	<20	48	0.05	<10	38	<10	1	40