87-491-15935
7/88

GEOLOGICAL

GEOCHEMICAL

AND

GEOPHYSICAL SURVEYS

ON THE

NGM GROUP
(Titanic - 1578, Captain Hook - 1455)

Alberni Mining Division
British Columbia

FOR

NATIONWIDE GOLD MINES CORPORATION

NTS Sheet : 92F 3 W
Latitude : 49° 10'
Longitude : 125° 25'

GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,935

R.Tim Henneberry, FGAC
August 10, 1987

SUMMARY

A detailed exploration program is presently underway on the Titanic and Captain Hook mineral claims of Nationwide Gold Mines Corporation. The claims are situated in the Kennedy River District of the Alberni Mining Division of Vancouver Island. The phases of this exploration program completed by July 12, 1987 have been documented primarily for assessment purposes.

Exploration on the Titanic property consisted of geochemical soil and silt sampling, combined with a presently incomplete geophysical survey. Preliminary inspection of the showing areas was also completed, though detailed sampling of these showings was not completed prior to the cut-off date.

Exploration on the Captain Hook property consisted of geochemical soil sampling and geophysics. Preliminary sampling of the showing areas was also completed, though detailed sampling and mapping was not completed by the cut-off date.

The target on both properties is auriferous quartz veins hosted within regional shear/fault zones of suspected Tertiary age. The Bear Crown Grants host such a zone of mineralization within the Bear Shear Zone, within one kilometre of its junction point with the 45 kilometre long Mine Fault.

Exploration results to date have been favorable. Soil and silt gold anomalies have been identified. Geophysics has also traced the strike projections of the major shear zones. Significant gold mineralization has also been located along the structures. Based on the results of the program to date, further exploration is definitely warranted.

TABLE OF CONTENTS

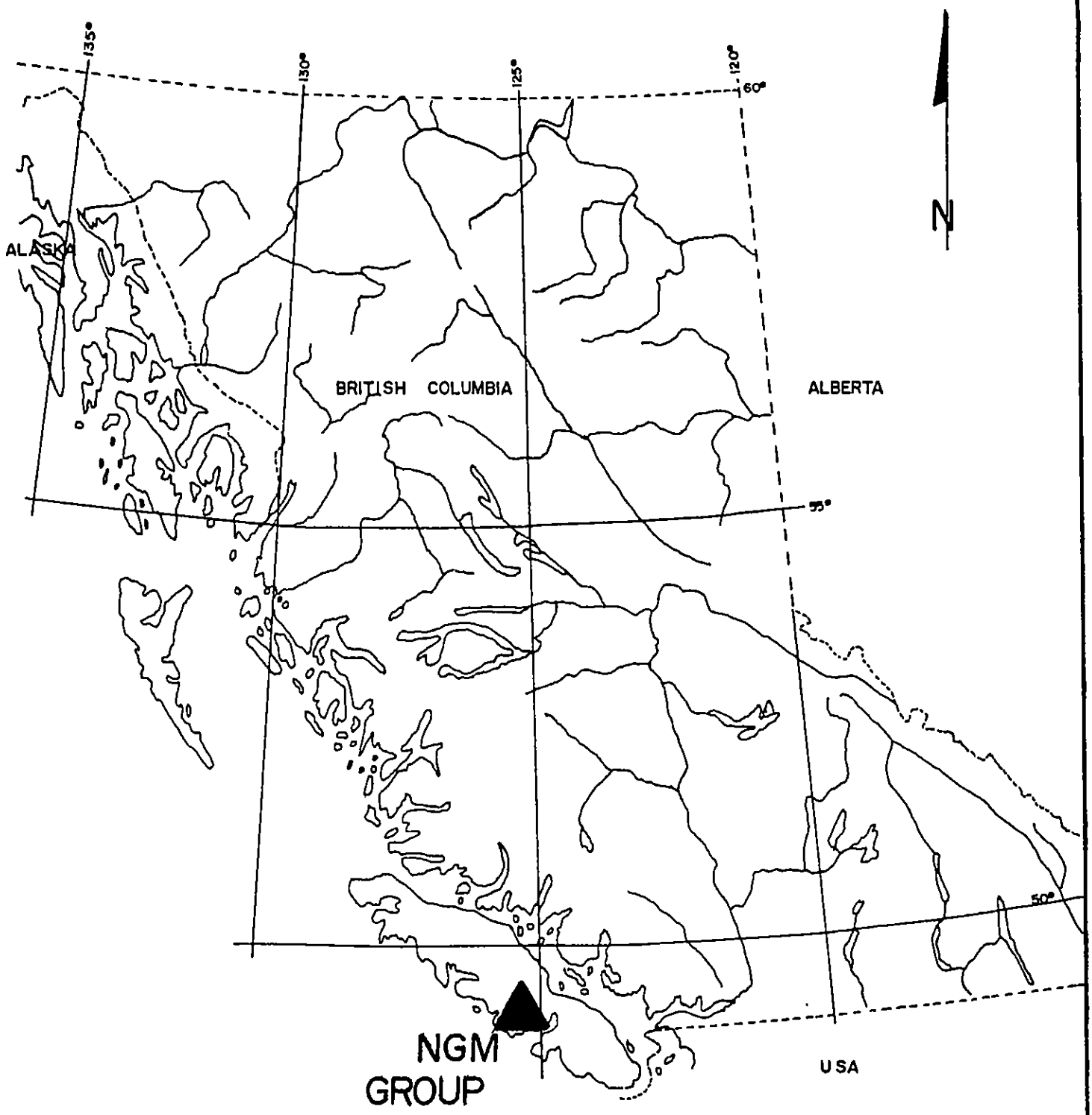
LIST OF FIGURES

INTRODUCTION

The NGM Group, consisting of the 6 unit Titanic mineral claim and the 9 unit Captain Hook mineral claim, lies within the Kennedy River District of Vancouver Island. The Kennedy River District has been intermittently active since the initial discovery of gold at the turn of the century. Exploration activity hit a peak in the early 1980's and rapidly declined.

International Coast Minerals Corporation and Kerr Addison Mines are presently active in the district. International Coast is actively exploring the Bear Property for vein-hosted gold mineralization in a regional shear zone on a proposed budget of 1.43 million dollars. Kerr Addison Mines Limited, in a 60% - 40% joint venture with International Coast, is exploring for sheeted veinlet hosted gold mineralization in a fracture zone associated with divergent shear zones on a proposed budget of 1.75 million dollars. Multinational Resources, in a joint venture with Teck has recently been exploring the Au claims 3 kilometres southeast of the NGM Group. Lesser groups and individuals hold much of the remaining property.

The purpose of this report is to document the presently completed exploration for assessment purposes.



NATIONWIDE GOLD MINES CORPORATION

PROPERTY LOCATION

DR. BY: RT HENNEBERRY	SCALE:
DATE: AUGUST, 1987	APPRD. BY:
CHK'D. BY:	REV.:
DWG. NO. FIGURE I	

0 100 200 300 400 500

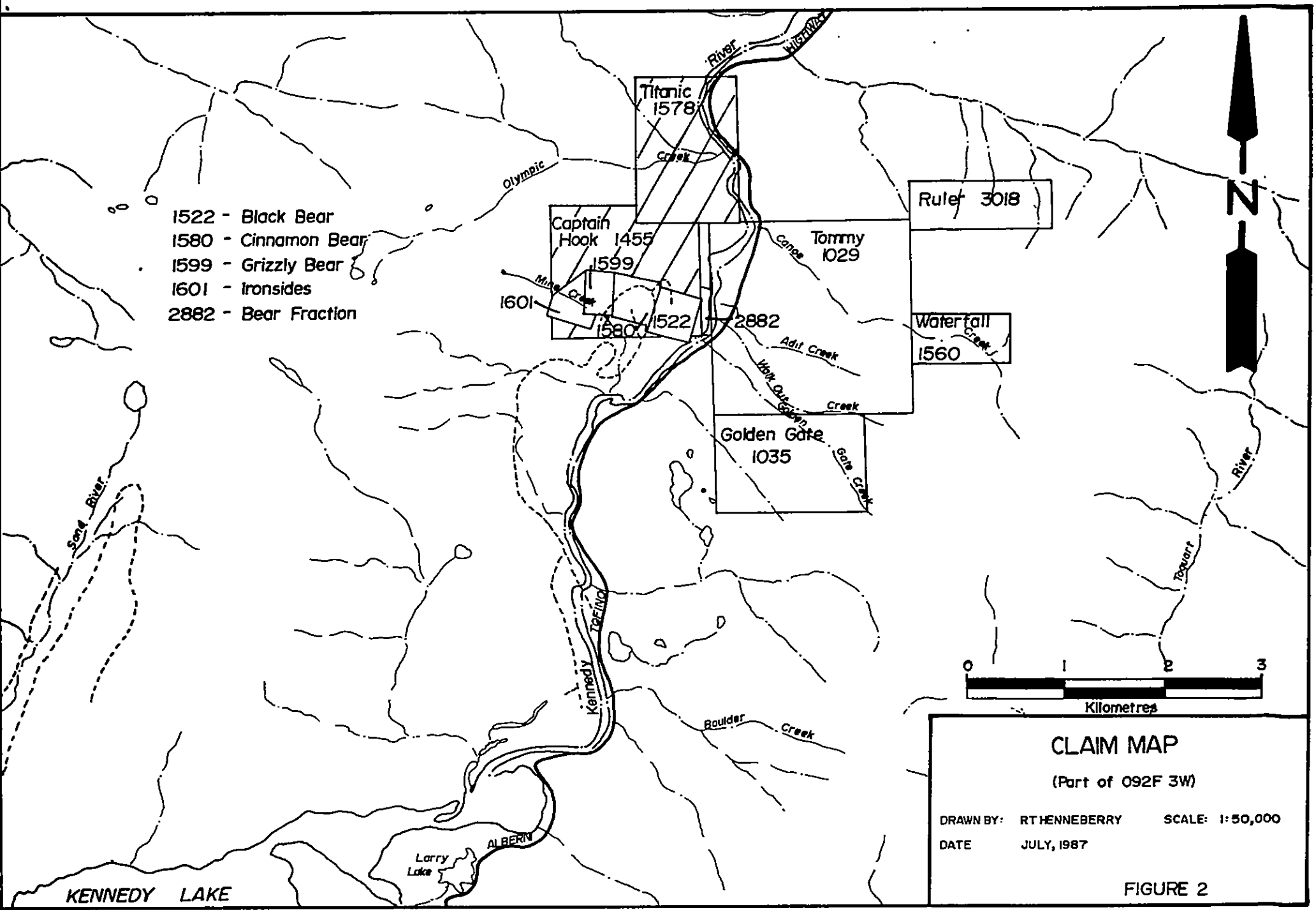
KILOMETRES

LOCATION, ACCESS

The Captain Hook and Titanic mineral claims (the NGM Group) lie within the Alberni Mining Division of Vancouver Island. The property is located 55 road kilometres west of Port Alberni and 30 road kilometres northeast of Ucluelet (Figure 1). A new logging road extends from the Alberni-Tofino Highway to the southern part of the Captain Hook claim. Access to the Titanic claim is by boat across Kennedy River. Topography ranges from 40 to 440 metres above sea level. Precipitous cliffs are found on the western and northern sections of the claims. The Kennedy River Valley receives very little snow at lower elevations, allowing work to continue year round.

The lower (southern) section of the Captain Hook claim was logged during the last year. A large part of the northern section of this claim is in an active timber lease, due to be logged later this year. New logging roads will provide access to the remainder of the claim group.

Mature first generation growth characterizes the claim group. Typical west coast rain forest vegetation abounds, except for the areas recently logged. The dense vegetation, combined with the precipitous slopes make traverse quite difficult over the northern half of the claim group.



CLAIM MAP

(Part of 092F 3W)

DRAWN BY: RT HENNEBERRY SCALE: 1:50,000

DATE JULY, 1987

FIGURE 2

CLAIM OWNERSHIP

The Titanic and Captain Hook Mineral Claims are located in the Alberni Mining Division of Vancouver Island. They are plotted on claim sheet 092F 3W (Figure 2).

Name	Record Number	No.of Units	Anniversary Date
Titanic	1578	6	December 14,1988
Captain Hook	1455	9	July 12, 1987

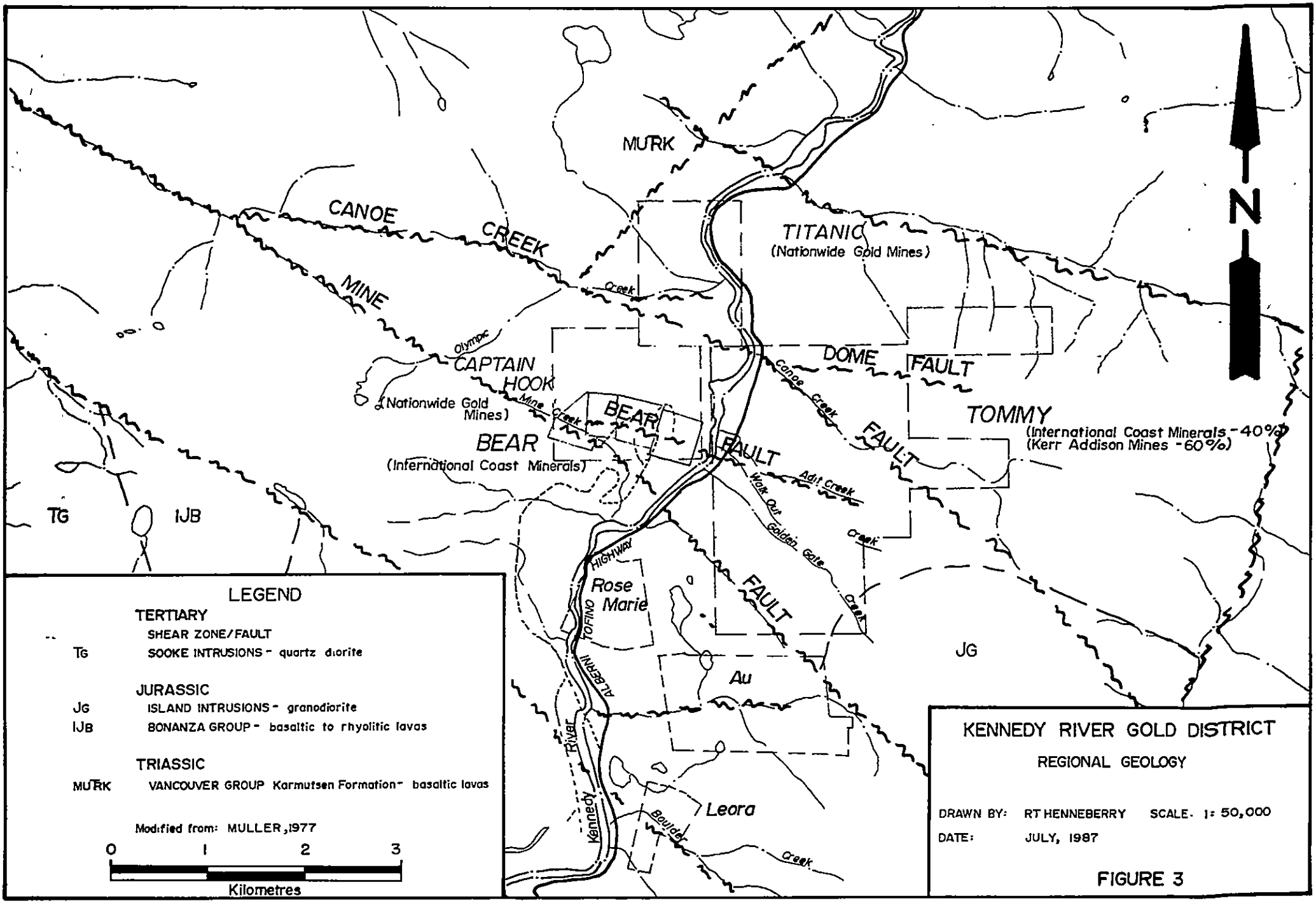
The Titanic Mineral Claim is owned by Nationwide Gold Mines Corporation of Vancouver. The Captain Hook Mineral Claim, presently under option to Nationwide Gold Mines Corporation, is owned by J.S. Lampman of Vancouver.

PREVIOUS EXPLORATION

Gold was initially discovered in the Kennedy River District at the turn of the century. By 1920 mining activity had been undertaken on the Leora, Rose Marie, Tommy and Bear properties. Mining and exploration activity was concentrated on auriferous quartz veins throughout the district.

Previous exploration on the Titanic mineral claim has been sporadic. The initial discovery zone in Olympic Creek was documented in the early 1913. This showing consisted of quartz veins and veinlets carrying values to 0.03 ounces per ton gold over narrow widths (MMAR, 1913). Exploration was also conducted on a structure located to the south of Julius Creek (referred to as the Golden Queen in the 1927 MMAR). According to claim maps from this period, the location is incorrectly described in this summary. This structure was traced for 300 metres, averaging 1 metre in width. The only value reported was 1.4 ounces per ton gold. During the 1980's, trenching and blasting has been carried out on the quartz veins and veinlets of the Olympic Creek showing.

Very little previous exploration has been conducted on the Captain Hook Property. This property was staked to cover the strike extensions of mineralized structures on the Bear Crown Grants. Bear mineralization consists of east-west striking auriferous quartz veins localized at the contacts of the 30 metre wide Bear Shear Zone. Values to 3.00 ounces per ton gold have been obtained.


MUTRK
CANOE CREEK
MINE
Olympic Creek
CAPTAIN HOOK
(Nationwide Gold Mines)
Mine Creek
BEAR
(International Coast Minerals)
BEAR
TITANIC
(Nationwide Gold Mines)
DOME FAULT
Canoe Creek
FAULT
TOMMY
(International Coast Minerals - 40%)
(Kerr Addison Mines - 60%)
FAULT
Adit Creek
Work Out
Golden Gate
Creek
TG
IJB
HIGHWAY
TOFINO
ALBERNI
Rose Marie
FAULT
JG
Au
River
Kennedy
Boulder
Creek
Leora
N
LEGEND
TERTIARY
SHEAR ZONE/FAULT
TG SOOKE INTRUSIONS - quartz diorite
JURASSIC
JG ISLAND INTRUSIONS - granodiorite
IJB BONANZA GROUP - basaltic to rhyolitic lavas
TRIASSIC
MUTRK VANCOUVER GROUP Karmutsen Formation - basaltic lavas
Modified from: MULLER, 1977
0 1 2 3
Kilometres
KENNEDY RIVER GOLD DISTRICT
REGIONAL GEOLOGY
DRAWN BY: RT HENNEBERRY SCALE: 1: 50,000
DATE: JULY, 1987
FIGURE 3

REGIONAL GEOLOGY

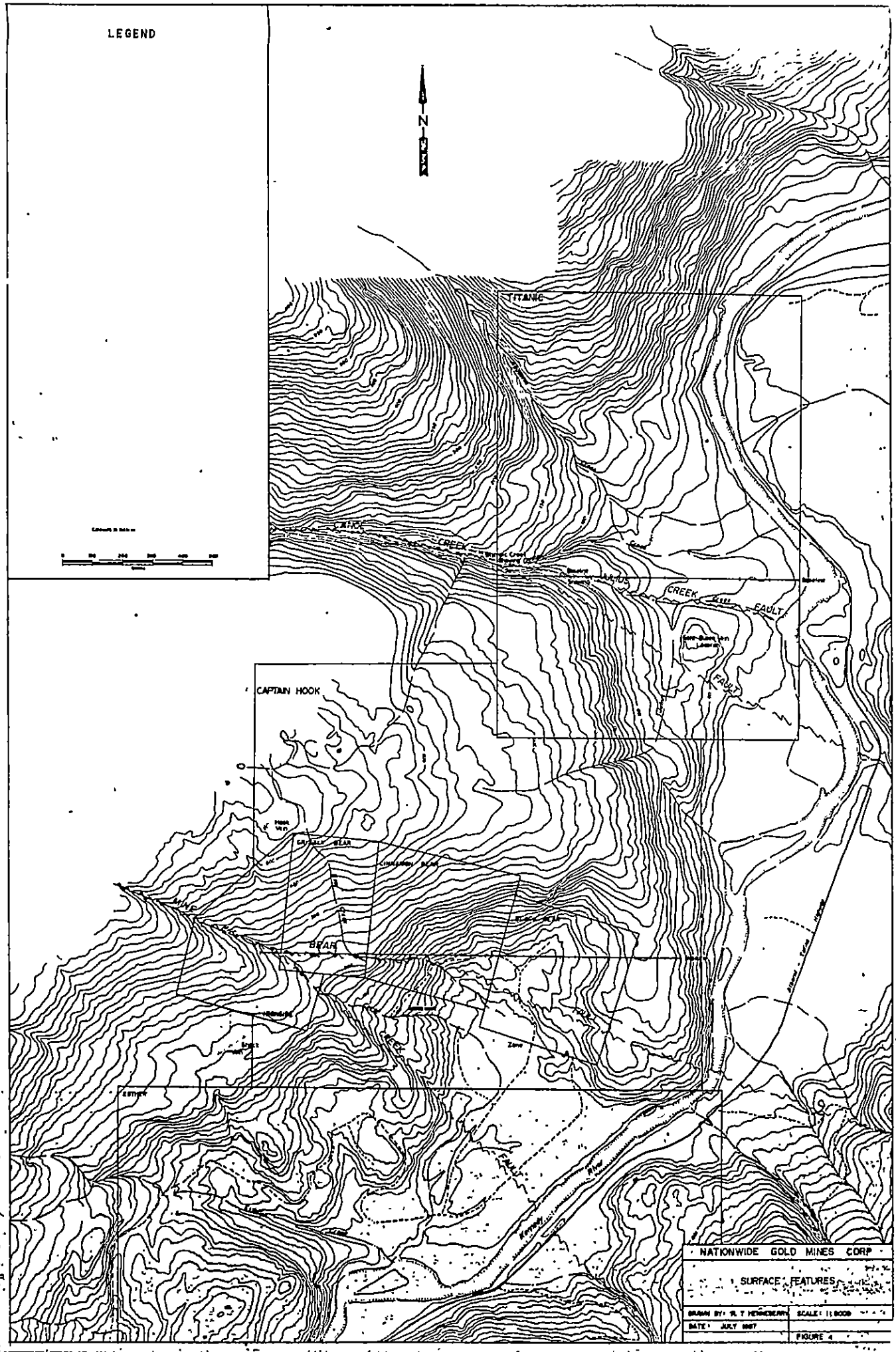
The Kennedy River District lies within a structurally active section of Vancouver Island (Figure 3). Rocks of the Vancouver and Bonanza Groups are intruded by Island and Sooke intrusions. Gold mineralization is predominantly localized by west-northwest trending fault/shear zones, active during Tertiary time. (Muller and Carson, 1968).

The Karmutsen and Quatsino Formations comprise the Triassic Vancouver Group outcroppings in the district. Andesitic to basaltic flows, tuffs and volcaniclastics of the Karmutsen Formation are overlain by massive limestone of the Quatsino Formation. Alteration is generally greenschist facies, though the limestone can be marbled near intrusive contacts. Jurassic Bonanza Group andesitic to latitic flows, tuffs and breccias overlie the Vancouver Group rocks.

Two periods of intrusive activity have been documented in the district. The Jurassic Island Intrusions are mainly of granodioritic to quartz dioritic composition. Contacts with Karmutsen rocks are generally sharp and well-defined. Tertiary Sooke Intrusions of predominantly quartz diorite composition consist of small stocks (less than 2 kilometres), dykes and sills outcropping throughout the district. Contacts with older rocks can be either sharp or sheared. Muller and Carson (1968) speculate that several smaller Tertiary stocks are present within the Kennedy River District.

West-northwesterly to westerly trending faults of Tertiary age cut the rock units in the district, indicating a period of intense structural activity. Gold mineralization is predominantly localized within these structures, suggesting a Tertiary age for the mineralization. Muller's (1977) map of Vancouver Island indicates several divergent and cross faults within the Kennedy River District. This structural setting is similar to the setting of the important epithermal gold districts of the southwestern United States (Buchanan, 1981).

Several showings have definite shear zone associations in the Kennedy River District including: Tommy, Leora, Rose Marie, Au, Bear and Titanic. The Bear and Tommy properties are of particular interest because ongoing exploration programs in the order of 1.5 million dollars are planned. Exploration is ongoing on most of these projects and the reader is referred to Annual Government Reports and Assessment Reports for further information.


LEGEND
N
TITANIC
CREEK
FAULT
CAPTAIN HOOK
BEAR
NATIONWIDE GOLD MINES CORP
SURFACE FEATURES
DRAWN BY: R. T. HENNESSEY
SCALE: 1:5000
DATE: JULY 1987
FIGURE 4

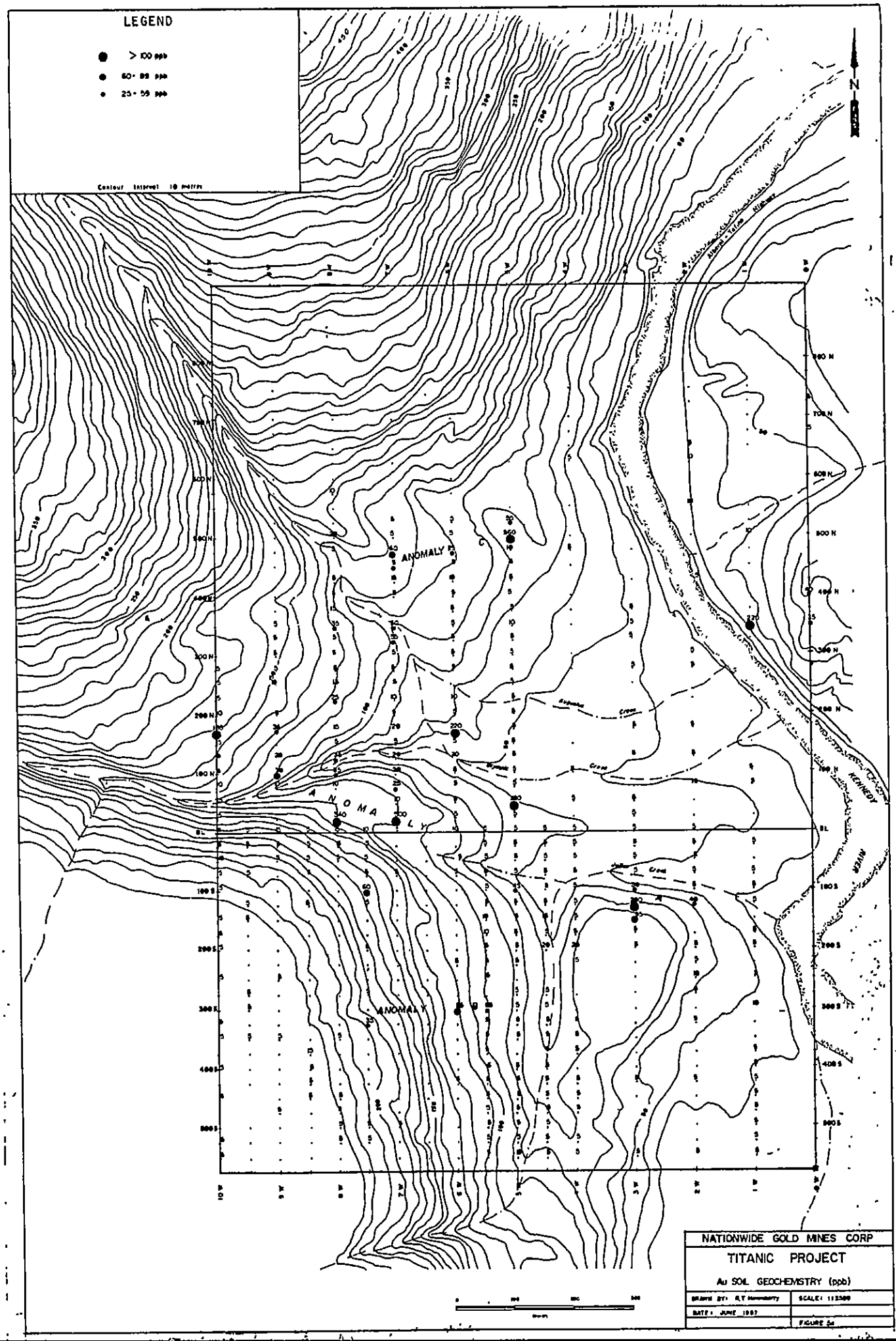
The dominant geological features on the NGM Group are the regional faults, including the Mine Fault traceable for approximately 45 kilometres from Alberni Inlet through to Tofino Inlet (Figure 4). The Bear Shear Zone and the Canoe Creek Fault are hanging wall splay faults, traceable for 4 and 12 kilometres respectively. The Julius Creek Shear Zone appears to be a hanging wall splay of the Canoe Creek Fault. Initial indications suggest all faults host auriferous quartz veins.

The Titanic claim is underlain by andesitic to basaltic flows and tuffs of the Karmutsen Formation. Alteration consists predominantly of chlorite, with lesser fracture limonite proximal to surface. Karmutsen rocks exhibit varying degrees of brecciation, the most intense being proximal to the regional shear zones. Pyrite content ranges from 0 to 2 percent. Higher percentages are noted proximal to the shear zones suggesting the sulfide is an alteration product.

The suspected trace of the Canoe Creek Fault does not exhibit a surface expression on the Titanic claim. Julius Creek flows down the strike of the Julius Creek Fault. This fault is also exposed at an acute angle in Olympic Creek. Quartz veins, veinlets and stringers have been mapped in the Julius Creek Fault. Widths range from 2 to 50 centimetres; strike lengths to 30 metres have been identified.

The Captain Hook claim is underlain by a quartz diorite intruding Karmutsen andesitic volcanics and Quatsino limestone. Karmutsen rocks underlie much of the northern half of the claim. Alteration consists predominantly of chlorite in weakly to strongly brecciated flows and tuffs. Quatsino limestones are also well brecciated, resulting in a stippled appearance on surface. Small skarn envelopes to 100 centimetres have been noted associated with small dykes, likely related to the quartz diorite intrusive. The quartz diorite, of suspected Tertiary age, is generally massive in appearance except proximal to the shear zones. Alteration consists of fracture chlorite, except proximal to the shear zones where an assemblage of chlorite, silicification and minor argillization is noted. Traces to 2 percent pyrite have been noted in the volcanics and intrusive.

Auriferous quartz veins have been developed on the Bear Crown Grants, within the Bear Shear Zone. The eastern strike extension of this shear zone lies on the Captain Hook claim. A stockwork zone has been noted within the footwall of the Bear Shear Zone. A significant portion of this stockwork lies on Captain Hook ground. Initial prospecting has located additional quartz veins requiring detailed examination.


LEGEND
> 100 ppb
50 - 99 ppb
25 - 50 ppb
Contour interval 10 metres
N
ANOMALY
ANOMALY
ANOMALY
KENNEDY
MAIN
NATIONWIDE GOLD MINES CORP
TITANIC PROJECT
Au SOIL GEOCHEMISTRY (ppb)
SCALE: 1:2500
DATE: JUNE 1987
FIGURE 6a

Detailed exploration programs were undertaken from April to early July, 1987. These programs consisted of establishing grids over each claim, followed by geochemical sampling, geophysical surveying and geological mapping and sampling. Soil samples were analyzed for Au, Ag, As, Cu, Zn and Fe. Delta Geophysics Limited was contracted to carry out a VLF-EM and a proton magnetometer survey over each of the grids. Time constraints did not allow completion of the Titanic geophysical surveys. (Using the Scintrex IGS system)

Titanic Soil Geochemistry

A baseline of 1000 metres was cut and picketed at 270 degrees. Flagged cross-lines were spaced at 100 metre intervals along the baseline. Sample sites were flagged at 25 metre intervals along the cross-lines. Additional cross-lines were flagged at 50 metre intervals between lines 4+00W and 10+00W. All samples were taken with a mattock from the "B" horizon and placed in kraft soil bags. Bondar Clegg performed geochemical analyses for Au, Ag, As, Cu, Zn and Fe. Analysis methodology is appended with the actual results.

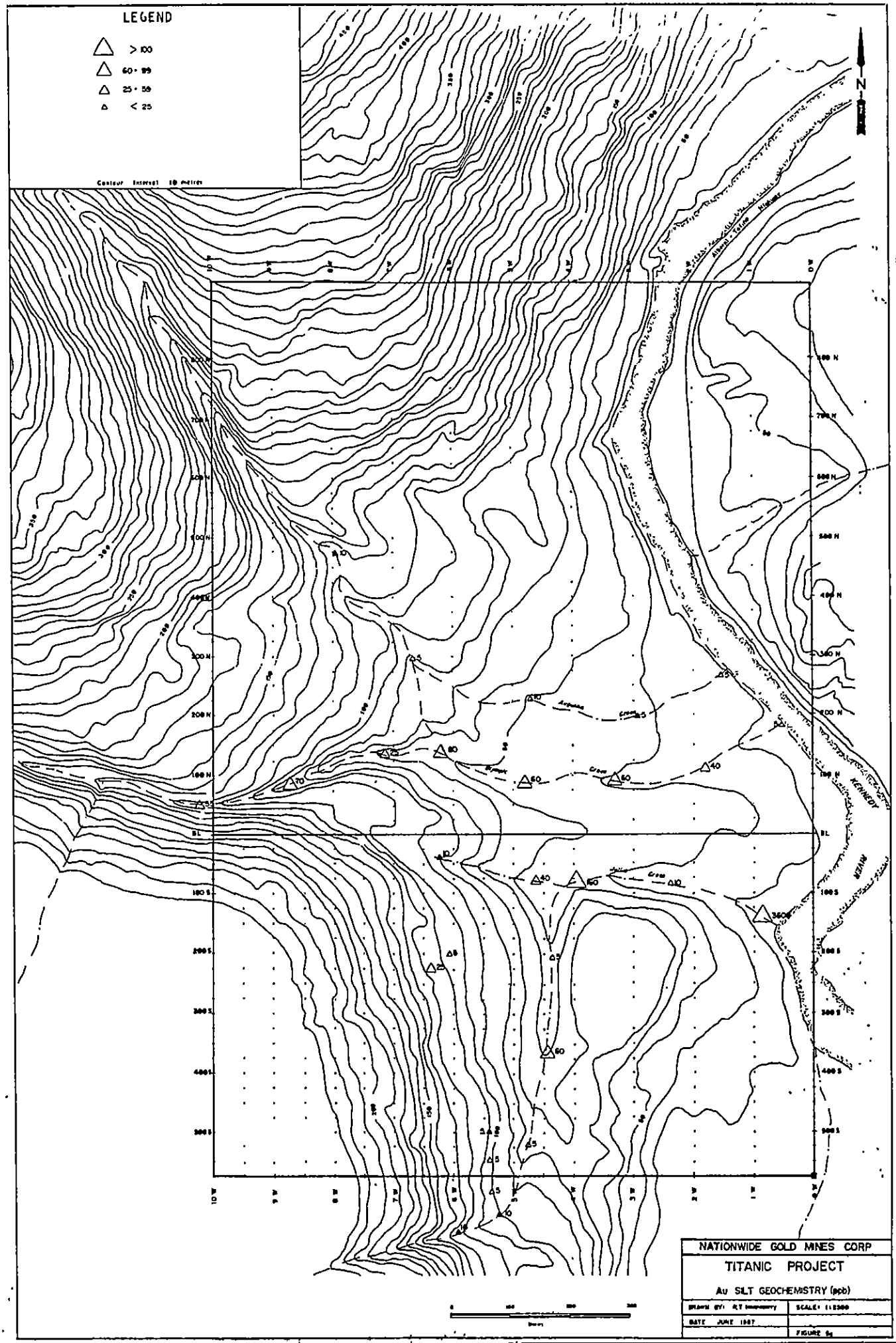
A total of 721 sample sites were established. Due to the precipitous nature of the property only 328 samples were taken. Additionally, silt samples were taken along all major drainages at 100 to 150 metre intervals along the creeks.

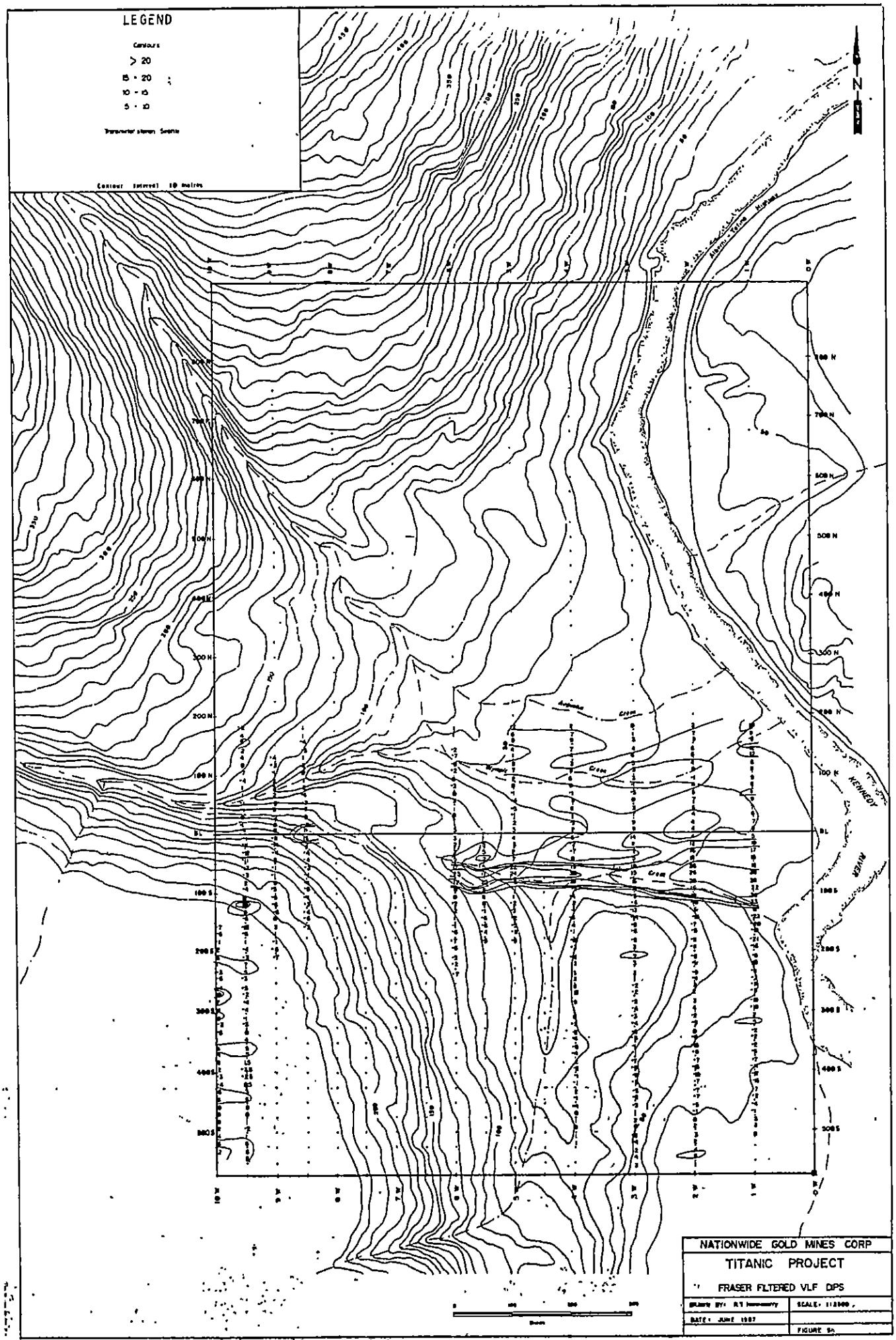
Results were generally quite favorable, with the gold soil and silt geochemistry identifying several anomalous areas worthy of follow-up.

Gold (Figure 5a): Gold values ranged from 5 parts per billion (ppb) to 560 ppb, with a mean of 9.3 ppb. Values above 25 ppb were considered anomalous. Several linear anomalies were identified. Anomaly A runs discontinuously from line 8+00W to 2+00W along the south side of Julius Creek, suggesting the footwall of the Julius Creek Fault is anomalous in gold. Anomaly B lies between lines 5+50W and 7+50W centred at 300S. Anomaly C lies between lines 5+00W and 7+00W centred at 4+75N. Both anomalies suggest linear structures. A cluster of anomalous values are located north of the baseline between lines 7+00W and 10+00W. An explanation for this anomaly is not readily apparent. Several spot anomalies have also been identified as a result of the Au soil geochemistry.

Silver (Figure 5b): Silver values ranged from 0.1 to 0.5 parts per million (ppm), with a mean of 0.1. Only one value was considered anomalous, a 0.5 ppm value located on the baseline at 2+00W. In general, silver did not exceed background. Silver is a poor indicator element for gold on the Titanic claim.

Arsenic (Figure 5c): Arsenic values ranged from 2 to 125 ppm, with a mean of 4.4 ppm. Values above 20 ppm were considered anomalous. Two anomalous values were located, with neither value correlatable with the gold geochemistry. As with silver, arsenic appears to be a poor indicator element for gold on this property.


LEGEND
> 100
60 - 99
25 - 59
< 25
Contour Interval 10 metres
N
NATIONWIDE GOLD MINES CORP
TITANIC PROJECT
Au SILT GEOCHEMISTRY (ppb)
DRAWN BY: R.T. Hennessy
SCALE: 1:2500
DATE: JUNE 1987
FIGURE 6a


LEGEND
Conductors
> 20
15 - 20
10 - 15
5 - 10
Contour Interval 10 metres
N
NATIONWIDE GOLD MINES CORP
TITANIC PROJECT
FRASER FILTERED VLF DIPS
SCALE: 1:2500
DATE: JUNE 1987
FIGURE 9A

Copper (Figure 5d): Copper values ranged from 1 to 163 ppm, with values in excess of 100 ppm considered anomalous. A loosely defined cluster of anomalous copper values is centred 200 metres north of the baseline between lines 5+00W and 8+00W. This anomalous zone does not show a positive correlation with gold, suggesting copper is a poor indicator element for gold on this property.

Zinc (Figure 5e): Zinc values ranged from 2 to 142 ppm, with a mean of 30.2. Values greater than 100 ppm were considered anomalous. The loosely defined copper cluster anomaly is also defined by the zinc geochemistry. The anomalous zinc values correlate positively with some of the anomalous gold values, suggesting zinc may be of limited use as an indicator element. All anomalous zinc locations are also anomalous in gold, though most of the anomalous gold values do not have corresponding anomalous zinc values.

Iron (Figure 5f): Iron values ranged from the lower detection limit of 0.5% to the upper detection limit of 10.0%. Values in excess of 7% were considered anomalous. Considerable scatter is evident from the Fe results, suggesting iron is a poor indicator element on the Titanic property.

Titanic Silt Geochemistry

All of the major drainages on the Titanic claim were silt sampled at 150 metre intervals. Fine silt was located and placed directly in a kraft soil bag at each sample location and sent to Bondar Clegg for analysis. The analysis methodology is appended with the results.

Silt values ranged from 5 to 3600 ppb gold. Values above 25 ppb were considered anomalous. The silt results are extremely encouraging, with both Olympic Creek and Julius Creek consistently anomalous in gold (Figure 5g).

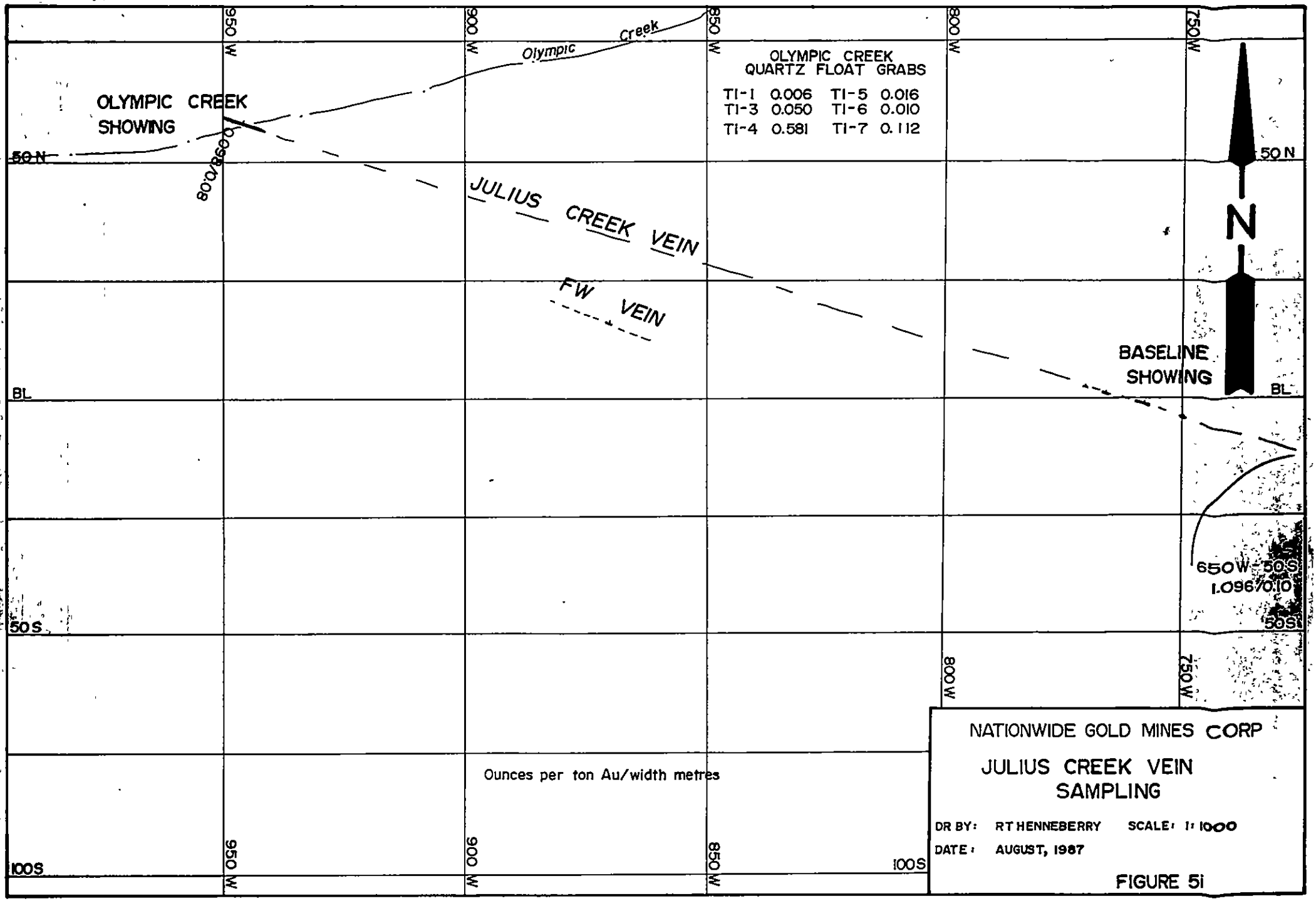
Titanic Geophysics

VLF-EM and proton magnetometer surveys were conducted over the established soil grid by Delta Geophysics. Time constraints did not allow completion of the survey, with lines 4+50W to 9+00W remaining to be completed. An attempt has been made to contour the Fraser Filtered Dips, of the completed sections of the grid (Figure 5h).

The Julius Creek Fault appears to be readily traceable by VLF. Much of the surveyed section appears to be strongly conductive, suggesting the presence of sulfides or other conductive material within the fault. Initial indications suggest the presence of additional conductors to the south of the Julius Creek Fault. Detailed examinations of the geophysical data will be made once the surveys are completed in mid-August.

Titanic Geological Mapping and Sampling

Initial mapping and sampling consisted primarily of examination of the two showing areas along the Julius Creek Fault. A traverse was also made up Olympic Creek examining the considerable quartz float within the creek.



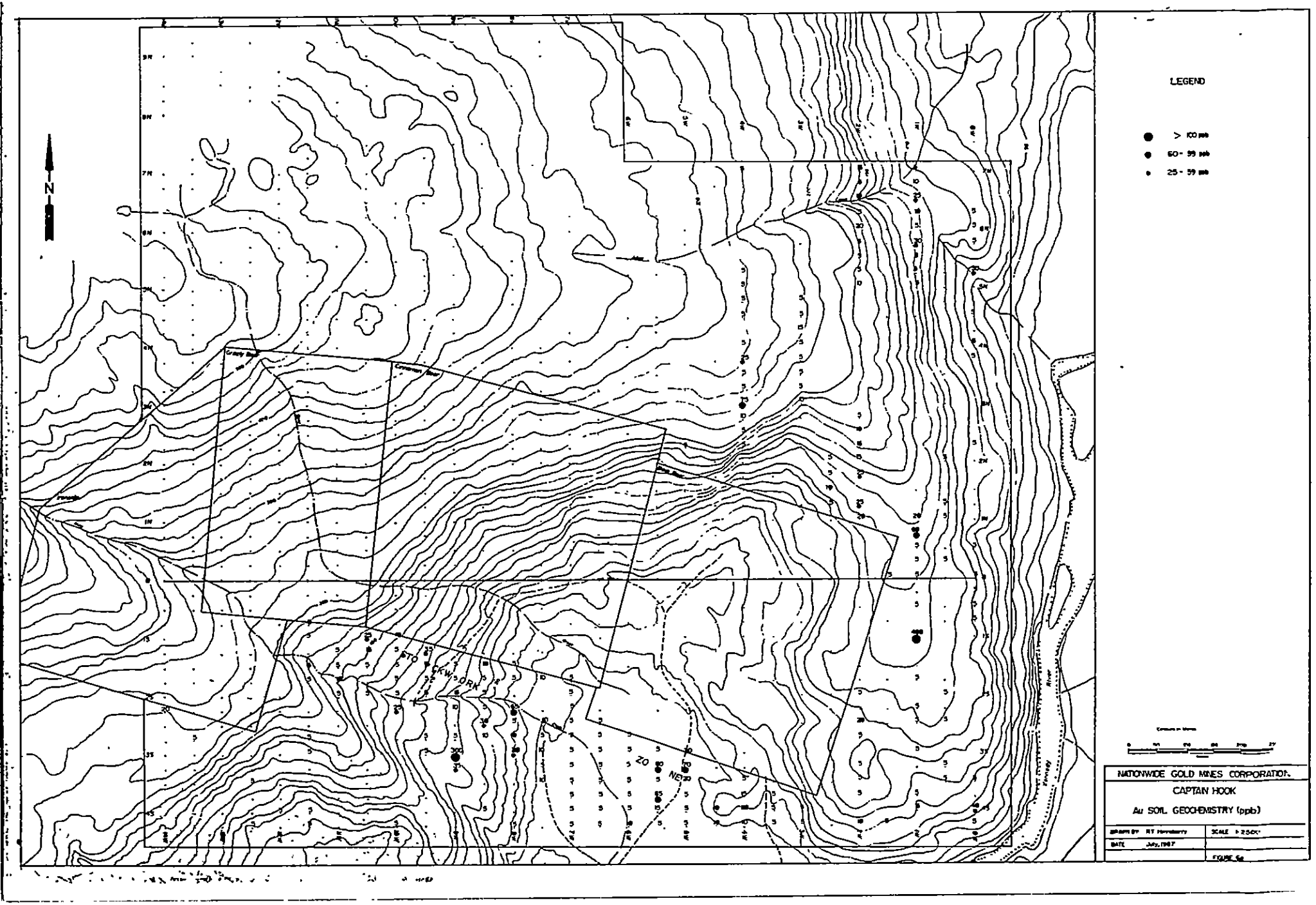
NATIONWIDE GOLD MINES CORP

JULIUS CREEK VEIN
SAMPLING

DR BY: RT HENNEBERRY SCALE: 1:1000

DATE: AUGUST, 1987

FIGURE 5i


LEGEND
> 100 ppb
60 - 99 ppb
25 - 59 ppb
N
NATIONWIDE GOLD MINES CORPORATION
CAPTAIN HOOK
Au SOIL GEOCHEMISTRY (ppb)
SCALE 1:2500'
DATE July, 1987

Two showings exist along the Julius Creek Shear Zone (Figure 5i). The "Baseline showing" is centred at 7+60W on the baseline. A locally well mineralized quartz vein ranging in width from 10 to 50 centimetres outcrops sporadically for a strike length of 30 metres. Mineralization consists of 0% to 5% pyrite and 0% to 2% chalcopyrite. Chlorite, limonite and silicification are the wall rock alteration products.

The "Olympic Creek showing" appears to be the strike extension of the "Baseline Showing". A locally well-mineralized quartz vein (107/75N) ranges in width from 5 to 40 centimetres. Mineralization consists of 3% to 5% pyrite, with 0% to 2% chalcopyrite. Wall-rock alteration of the Karmutsen andesites consists of chlorite, limonite and silicification. One grab sample taken from this showing ran 0.098 ounces per ton gold.

A grab sample from a small quartz vein on the south side of Julius Creek yielded 1.096 ounces per ton gold, indicating significant gold mineralization is associated with the footwall of the Julius Creek Shear Zone.

Six samples of quartz float were taken during the traverse up Olympic Creek. Two of the samples assayed in excess of 0.1 ounces per ton gold. Source was not located though indications suggest the "Olympic Creek Showing" is the likely host.

Captain Hook Soil Geochemistry

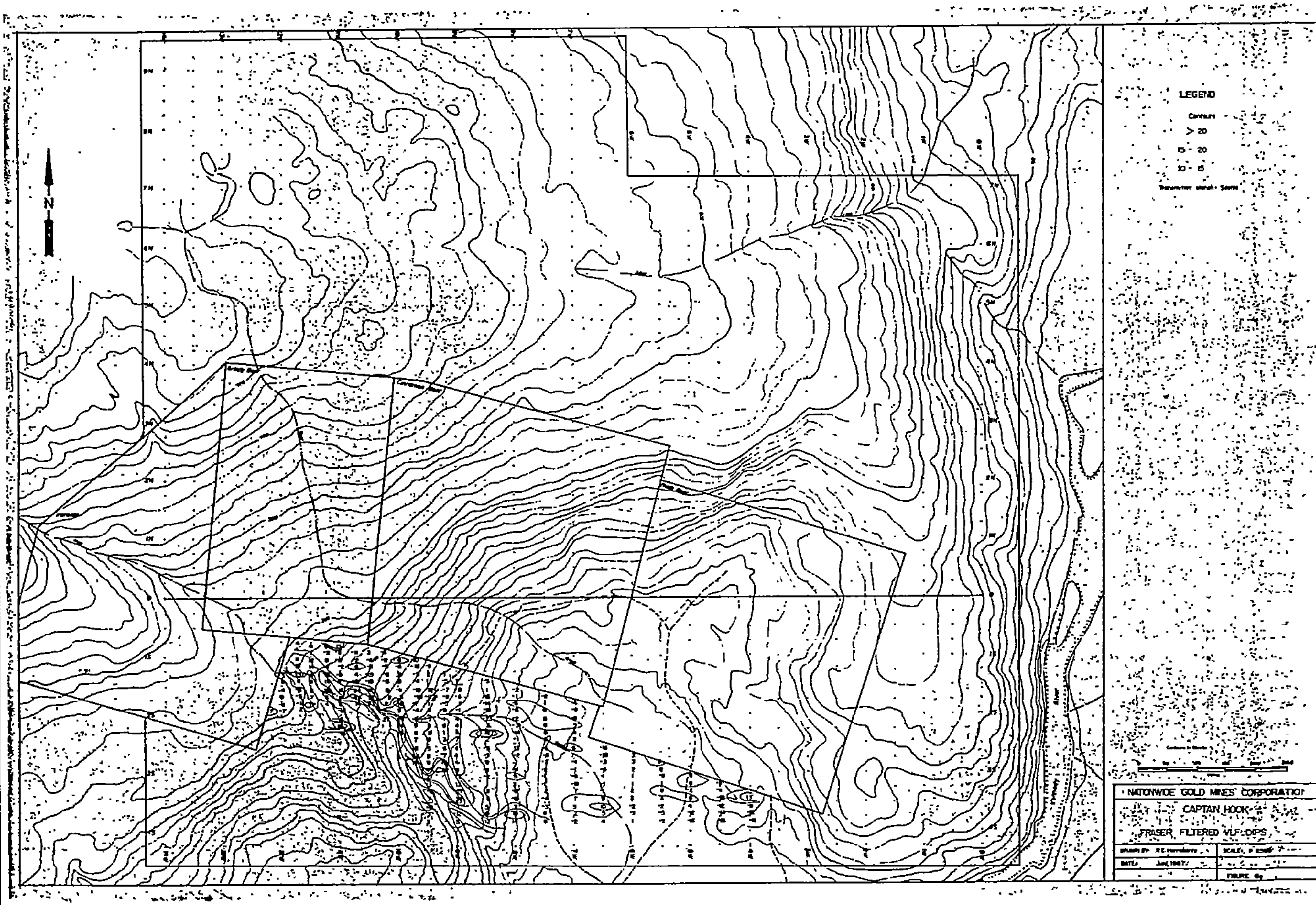
A baseline of 1400 metres was cut and picketed at 270 degrees. Flagged cross-lines were spaced at 50 metre intervals along the baseline. Sample sites were flagged at 25 metre intervals along the cross-lines. The baseline runs through the centre of the Bear Crown Grants resulting in a large portion of the resulting grid lying on the Bear ground.

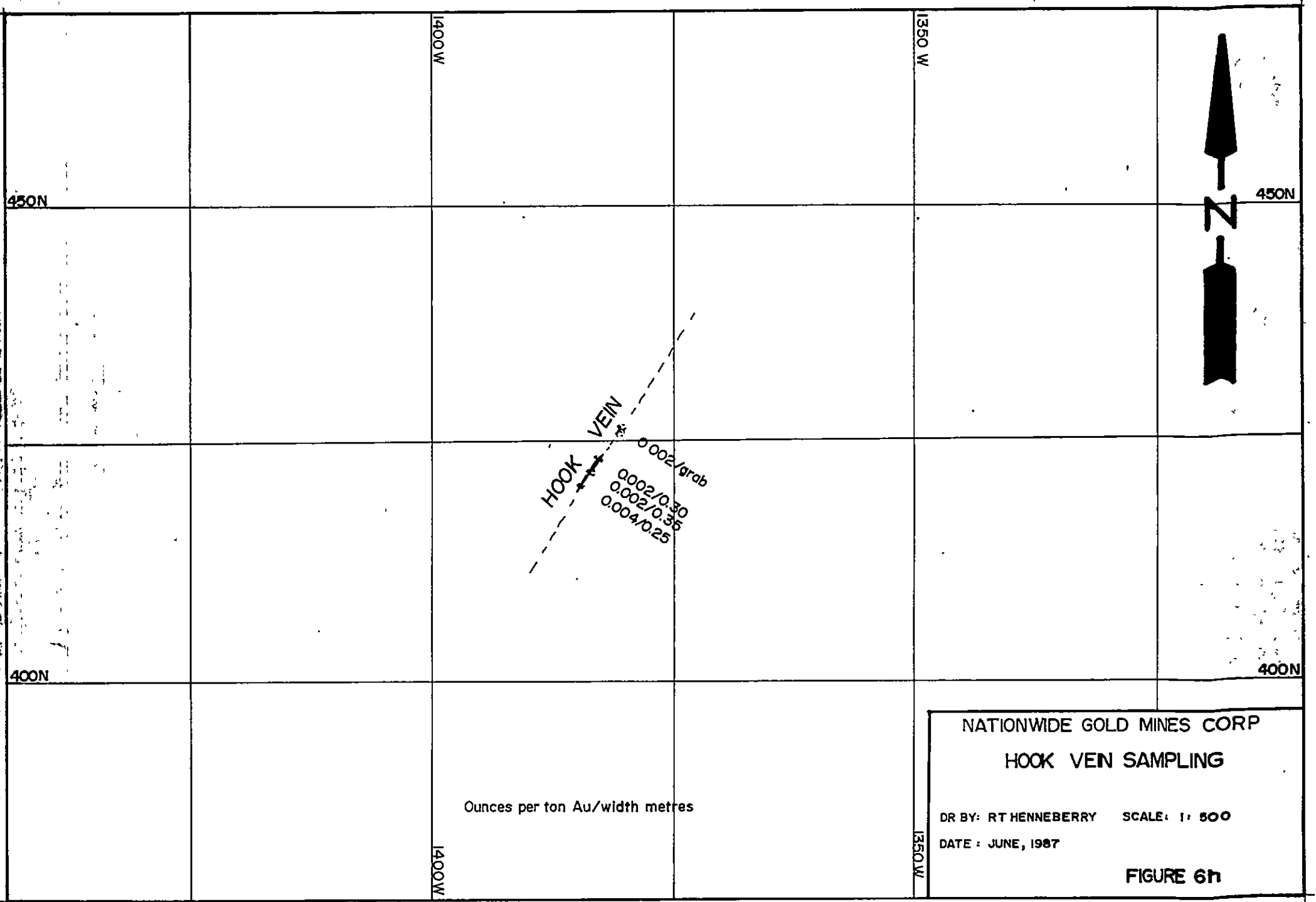
As with the Titanic claim, the Captain Hook claim is also quite precipitous, resulting in the collection of 207 samples from 825 established sample sites. All samples were taken with a mattock from the "B" horizon and placed in kraft soil bags. Bondar Clegg performed geochemical analyses for Au, Ag, As, Cu, Zn and Fe. Analysis methodology is appended with the actual results.

Results were generally quite favorable, with a large Au soil anomaly associated with a known zone of stockwork mineralization.

Gold (Figure 6a): Gold values ranged from 5 to 480 ppb, with a mean of 7.2 ppb. Values in excess of 25 ppb were considered anomalous. The extension of the known zone of stockwork mineralization on the Bear Crown Grants was successfully highlighted by the gold geochemistry (Anomaly A). Additionally, spot anomalies were located over the extreme eastern section of the claim.

Silver (Figure 6b): Silver values ranged from 0.1 to 0.6 ppm, with a mean of 0.1 ppm. For the most part, silver values did not exceed background, indicating silver is a poor indicator element for gold on the Captain Hook claim.


N
LEGEND
Contours
> 20
15 - 20
10 - 15
NATIONWIDE GOLD MINES CORPORATION
CAPTAN HOOK
FRASER FILTERED VLF DIPS


1400W
1350 W
450N
400N
N
VEIN
HOOK
0.002/grab
0.002/0.30
0.002/0.35
0.004/0.25
Ounces per ton Au/width metres
NATIONWIDE GOLD MINES CORP
HOOK VEIN SAMPLING
DR BY: RT HENNEBERRY
SCALE: 1: 500
DATE : JUNE, 1987
FIGURE 6h

Arsenic (Figure 6c): Arsenic values ranged from 2 to 70 ppm, with a mean of 5.5 ppm. Values exceeding 30 ppm were considered anomalous. Four isolated stations recorded anomalous arsenic values, apparently of only local extent, that failed to correlate with anomalous gold values. Arsenic appears to be a poor indicator element for gold.

Copper (Figure 6d): Copper values ranged from 2 to 152 ppm, with a mean of 31 ppm. Values in excess of 100 ppm were considered anomalous. A loosely defined cluster anomaly lies, between lines 2+00W and 4+00W centred at 2+50N. This anomaly does not correlate with the gold geochemistry, suggesting copper is not a good indicator element for gold.

Zinc (Figure 6e): Zinc values ranged from 3 to 132 ppm, with a mean of 38.3 ppm. Values excessing 100 ppm were considered anomalous. Two isolated spot anomalies were located by the survey, with neither sample correlating with gold.

Iron (Figure 6f): Iron values ranged from 1% to the upper detection limit of 10%. Iron exhibits considerable scatter over the grid and does not appear to correlate with any of the other elements.

Captain Hook Geophysics

Delta Geoscience Limited was contracted to carry out VLF and proton magnetometer surveys over the grid. For the most part the geophysical surveys were directed at the auriferous structures lying on the Bear Crown Grants. The southern extensions of several lines crossed onto Captain Hook ground. These Fraser Filtered VLF-EM Dips are plotted on Figure 6g.

The southern section of the survey successfully traced the strike extension of the Mine Fault. Extremely strong readings were obtained from sections of the fault, suggesting the presence of a significant conductor. The "stockwork zone appears to exhibit weak responses but anomalous responses.

Captain Hook Mapping and Sampling

Very little mapping and sampling has been done to date on the Captain Hook. Sampling and mapping was primarily concentrated on the auriferous structures on the Bear Crown Grants.

One quartz vein (033/85E) was noted and sampled at 13+85W, 4+20N. The Hook Vein (Figure 6h), ranging in width from 25 to 40 centimetres, is locally vuggy with euhedral quartz crystals, though very little mineralization was noted in the outcrop exposure. Thin seams of pyrite/pyrrhotite mineralization was noted at both contacts. The granodiorite host exhibits a 20 centimetre alteration halo of argillic alteration. Four samples were taken with the best sample returning 0.004 ounces per ton gold.

Exploration at the western periphery located a significant structure (the Shack Vein) lying within 10 metres of the western boundary of the Captain Hook claim. Locating the strike projection of this structure on the Captain Hook claim should be a high priority, as the four samples taken yielded results of 0.196, 0.656, 1.800 and 0.216 ounces per ton gold over widths in the order of 30 centimetres.

Mapping and sampling has not yet been undertaken from the stockwork zone, as a suitable sampling method for the surface exposure has yet to be decided upon. The gold soil geochemistry suggest the zone has considerable gold potential.

DISCUSSION

Results to date from the ongoing exploration program on the Captain Hook and Titanic mineral claims are encouraging. The geophysics has successfully traced the major fault/shear structures. Geochemistry has indicated these zones are anomalous in gold. Sampling has located significant gold mineralization in place with one of the structures. Continued exploration is recommended.

VLF-EM surveys have been impressively successful at tracing the Julius Creek and Mine Creek Faults along strike. Sections within both faults are highly conductive, suggesting the presence of sulfide mineralization within them. The VLF-EM survey completed over the Bear Crown Grants shows similar responses over the zones of known gold mineralization within the Bear Fault. (Henneberry, 1987).

Gold soil geochemistry has identified linear anomalies within the Julius Creek Fault. The geochemistry has also identified and extended the zone of known stockwork mineralization on the Captain Hook claim. Geochemistry completed over the known zone of gold mineralization on the Bear Crown Grants has given similar responses to those obtained from the Julius Creek Fault (Henneberry, 1987). The gold silt geochemistry has identified Julius and Olympic Creek as being anomalous in gold. The soil geochemical surveys have shown that gold is the only consistent element for tracing structure.

The geological sampling has located significant gold mineralization within the Julius Creek Fault. Initial results from the two showings have been lower than expected. A similar problem was encountered on the Bear Crown Grants. Blasting of the leached surface to a depth of 50 to 100 centimetres yielded considerable improvement in gold content.

Continued exploration on the NGM Group is warranted. The initial grassroots exploration has been completed. The exploration effort should now be directed at locating economic gold mineralization within the known structures.

Prospecting and mapping should be initiated to evaluate the gold silt anomalies from Olympic Creek and Julius Creek. The entire length of Julius Creek should be prospected as it flows down the strike of the Julius Creek Fault. Prospecting should also attempt to explain the anomalous values within Olympic Creek, to see if source of these values is the Olympic Creek showing. Anomalous values above the showing suggest the source, or an additional source is above the known showing.

Prospecting and mapping should also be initiated to evaluate the soil anomalies on both grids. Several linear anomalies have been identified, suggesting possible structure. The stockwork anomaly should also be evaluated. A sampling program should be initiated to attempt to accurately evaluate the potential of this zone.

Detailed sampling is required for the two Titanic showing and the Hook Vein. Initial results suggests that blasting of the leached surface exposures is required to properly evaluate these zones. Prospecting should also be initiated to locate the strike projection of the Shack Vein on the Captain Hook claim. Finally, an attempt should be made to locate the vein referred to in the 1927 Ministry of Mines Annual Report. The location is speculated to be on the knoll south of Julius Creek.

REFERENCES

British Columbia Ministry of Mines Annual Reports.
1913 - Olympic p 279
1927 - Gold Queen p 344

Buchanan,L.J. (1981). Precious Metal Deposits Associated with Volcanic Environments in the Southwest. Arizona Geological Society Digest Volume XIV. pp237-262.

Goldsmith,L.B. (1987). Inspection Trip, Titanic Mineral Claim, Kennedy River Area, Vancouver Island, B.C. Nationwide Gold Mines Corporation Private Report.

Henneberry,R.T. (1987). Geology and Economic Potential of the Bear Project, Alberni Mining Division, British Columbia. International Coast Minerals Corporation Private report.

Muller,J.E. and Carson,D.J.T. (1968). Geology and Mineral Deposits of Alberni Map-Area (092F). Geological Survey of Canada Paper 68-50. 52p.

Muller,J.E. (1977). Geology of Vancouver Island. Geological Survey of Canada Open File 463.

STATEMENT OF COSTS

Titanic	
Cutting and blazing 18 kilometres of line	6750.00
Soil sampling wages and expenses	5289.38
Analysis costs	3507.96
Geologist wages and expenses	675.00
Contracted geophysical survey	3750.00
Drafting of basemap	77.02
TITANIC SUBTOTAL	20049.36
Captain Hook	
Cutting and blazing 21 kilometres of line	7875.00
Soil sampling wages and expenses	1723.10
Analysis costs	4000.59
Geologist wages and expenses	1207.96
CAPTAIN HOOK SUBTOTAL	14806.65
TOTAL COSTS TO DATE	34.856.01

STATEMENT OF QUALIFICATIONS

I, R.Tim Henneberry, am a consulting geologist residing at 4054 Dundas Street, Burnaby, British Columbia.

I earned a Bachelor of Science Degree majoring in geology from Dalhousie University, graduating in May, 1980.

I have practiced my profession continuously since graduation.

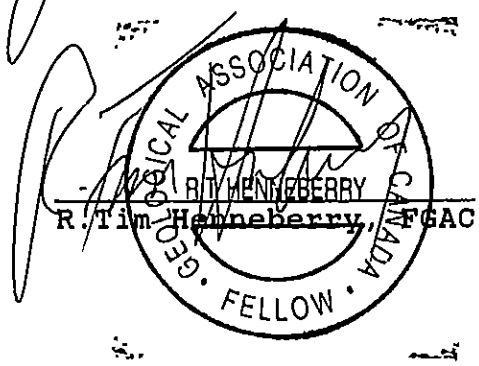
I am a Fellow of the Geological Association of Canada.

I have not received directly or indirectly, nor do I expect to receive any interest, direct or indirect, in the NGM claim Group, nor do I beneficially own, directly or indirectly any securities in Nationwide Gold Mines Corporation, nor do I expect to receive any such interest.

This report is based on an ongoing exploration program, supervised by the author, running from early May to July 12, 1987. Although the program is continuing only work completed to this date has been described in this report, and filed for assessment purposes.

I consent to the use of this report in a prospectus, in a statement of material facts, or for any other purpose normal to the business of Nationwide Gold Mines Corporation.

Dated this 17th day of August in the City of Vancouver, British Columbia.



R.Tim Henneberry, FGAC

Bondar-Clegg & Company Ltd.
130 Pemberton Ave.
North Vancouver, B.C.
Canada V7P 2R5
Phone: (604) 985-0681
Telex: 04-352667

BONDAR-CLEGG

Geochemical Lab Report

REPORT: 127-3510 (COMPLETE)

REFERENCE INFO:

CLIENT: INP EXPLORATION AND DEVELOPMENT
PROJECT: TITANTIC

SUBMITTED BY: R.T. HENNEBERRY
DATE PRINTED: 30-JUN-87

ORDER	ELEMENT		NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Cu	Copper	186	1 PPM	HNO3-HCL HOT EXTR	Atomic Absorption
2	Zn	Zinc	186	1 PPM	HNO3-HCL HOT EXTR	Atomic Absorption
3	Ag	Silver	186	0.1 PPM	HNO3-HCL HOT EXTR	Atomic Absorption
4	Fe	Iron	186	0.05 PCT	HNO3-HCL HOT EXTR	Atomic Absorption
5	As	Arsenic	186	2 PPM	NITRIC PERCHLOR DIG	Colourimetric
6	Au	Gold - Fire Assay	186	5 PPB	FIRE-ASSAY	Fire Assay AA
7	Au/wt	Sample weight/grams	66	0.1 G		
8	Au/wt	-20 Au Sample Weight	30	0.1 G		

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
S SOILS	186	1 -80	186	DRY, SIEVE -80	186

REPORT COPIES TO: MR. R. T. HENNEBERRY

INVOICE TO: MR. R. T. HENNEBERRY

Bondar-Clegg & Company Ltd.
130 Pemberton Ave.
North Vancouver, B C.
Canada V7P 2R5
Phone: (604) 985-0681
Fax: 04-352667

Geochemical Lab Report

REPORT: 127-3510 | PROJECT: TITANTIC | PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	Ag PPM	Fe PCT	As PPM	Au PPB	Au/wt G	Au/wt G
S1 L1+00W 0+25S		10	12	<0.1	5.00	3	<5	6.0	
S1 L1+00W 0+75S		13	19	0.1	10.00	5	<5		
S1 L1+00W 1+00S		12	18	0.1	6.60	4	<5		
S1 L1+00W 1+25S		28	51	0.1	6.00	5	<5	5.0	
S1 L1+00W 1+75S		23	30	0.2	6.80	5	5		
S1 L1+00W 2+00S		28	29	0.2	7.80	5	<5		
S1 L1+00W 2+50S		19	26	0.1	8.00	4	<5		
S1 L1+00W 3+00S		15	26	<0.1	6.60	5	10		
S1 L1+00W 3+75S		42	40	0.1	7.80	3	<5		
S1 L1+00W 4+00S		47	40	0.1	7.80	4	5		
S1 L1+00W 4+25S		30	28	0.1	7.60	5	<5		
S1 L1+00W 4+50S		23	15	0.1	6.60	6	5		
S1 L1+00W 4+75S		46	50	<0.1	6.20	5	<5		
S1 L1+00W 5+00S		66	57	<0.1	6.60	6	<5		
S1 L1+00W 5+25S		51	50	<0.1	6.40	6	<5		
S1 L1+00W 5+50S		45	50	0.2	5.60	6	<5		
S1 L2+00W 0+00S		50	30	0.5	8.20	5	<5	8.0	
S1 L2+00W 0+25S		55	30	0.2	8.40	6	<5		
S1 L2+00W 0+50S		28	21	0.2	8.60	6	<5	7.0	
S1 L2+00W 0+75S		23	27	0.2	8.40	6	<5		
S1 L2+00W 1+00S		29	30	0.2	8.60	8	<5		
S1 L2+00W 1+25S		20	18	0.1	5.40	4	40		
S1 L2+00W 2+00S		2	13	0.1	3.70	2	<5		
S1 L2+00W 2+25S		2	10	<0.1	3.00	<2	<5		
S1 L2+00W 2+50S		26	20	0.2	6.40	7	10		
S1 L2+00W 2+75S		23	20	0.2	6.20	5	<5		
S1 L2+00W 3+25S		40	30	0.1	7.80	5	<5		
S1 L2+00W 4+25S		28	29	0.1	>10.00	5	<5	7.0	3.0
S1 L2+00W 5+50S		38	30	0.1	9.00	5	<5		
S1 L3+00W 0+00S		27	30	<0.1	>10.00	5	<5		
S1 L3+00W 0+25S		21	43	0.1	8.60	5	<5		
S1 L3+00W 0+50S		26	20	0.1	>10.00	5	<5		
S1 L3+00W 0+75S		5	10	0.1	3.70	5	5		
S1 L3+00W 1+00S		3	10	0.1	3.20	3	30		
S1 L3+00W 1+25S		14	11	0.2	5.40	6	200		
S1 L3+00W 1+50S		17	10	0.1	5.80	4	95		
S1 L3+00W 1+75S		25	20	<0.1	8.20	9	<5		
S1 L3+00W 2+00S		2	8	0.1	2.05	2	<5		
S1 L3+00W 4+25S		5	9	0.1	2.05	2	<5		
S1 L3+00W 5+50S		11	45	0.1	7.60	3	<5		

Bondar-Clegg & Company Ltd.
130 Pemberton Ave
North Vancouver, B.C.
Canada V7P 2R5
Phone. (604) 985-0681
04-352667

BONDAR-CLEGG

Geochemical Lab Report

REPORT: 127-3510 | PROJECT: TITANTIC | PAGE 2

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	Ag PPM	Fe PCT	As PPM	Au PPB	Au/wt G	Au/wt G
S1 L4+00W 0+00S		23	30	0.1	9.40	8	<5	5.0	5.0
S1 L4+00W 0+25S		47	28	0.1	9.40	6	<5	5.0	5.0
S1 L4+00W 0+50S		63	41	0.1	7.00	7	<5		
S1 L4+00W 0+75S		50	30	0.2	6.60	6	<5	5.0	5.0
S1 L4+00W 1+00S		12	15	<0.1	5.60	9	<5	8.0	
S1 L4+00W 1+25S		35	41	0.1	6.40	12	<5		
S1 L4+00W 1+50S		48	30	0.1	7.80	10	<5	5.0	
S1 L4+00W 1+75S		41	52	0.1	5.80	10	<5		
S1 L4+00W 2+00S		69	21	0.1	6.80	12	20		
S1 L4+00W 2+25S		66	25	<0.1	6.00	10	<5		
S1 L4+00W 3+25S		23	25	0.1	7.60	8	<5		
S1 L4+00W 3+50S		17	12	0.1	7.60	5	<5		
S1 L4+00W 3+75S		9	12	<0.1	6.40	5	<5		
S1 L4+00W 4+25S		2	6	0.1	1.50	3	<5		
S1 L4+00W 4+50S		12	16	<0.1	5.80	4	<5	5.0	
S1 L4+00W 4+75S		7	10	<0.1	5.00	4	<5	7.0	
S1 L4+00W 5+25S		12	55	<0.1	9.80	5	<5	5.0	
S1 L4+00W 5+50S		14	39	0.1	8.40	4	<5	6.0	
S1 L4+50W 0+00S		21	29	0.1	6.80	2	<5	6.0	
S1 L4+50W 0+25S		13	13	0.1	5.80	4	<5	8.0	
S1 L4+50W 0+50S		51	48	<0.1	6.20	3	<5		
S1 L4+50W 0+75S		47	42	0.1	7.80	11	<5	5.0	
S1 L4+50W 1+00S		55	48	0.1	7.20	6	<5		
S1 L4+50W 1+25S		23	26	0.1	8.00	5	<5		
S1 L4+50W 1+50S		12	12	0.1	6.00	5	15		
S1 L4+50W 1+75S		15	42	0.1	7.20	4	5		
S1 L4+50W 2+00S		6	22	0.1	3.10	5	20	2.0	7.0
S1 L4+50W 2+75S		14	22	<0.1	8.20	5	<5	7.0	3.0
S1 L4+50W 3+00S		3	12	<0.1	3.30	3	<5		
S1 L4+50W 3+25S		58	30	0.3	7.40	3	<5		
S1 L4+50W 3+50S		39	42	<0.1	4.20	6	<5	3.0	7.0
S1 L4+50W 3+75S		56	23	<0.1	8.20	3	<5		
S1 L4+50W 4+00S		11	30	0.1	7.00	5	<5	4.0	6.0
S1 L4+50W 4+25S		5	20	0.1	3.30	4	<5		
S1 L4+50W 4+50S		2	10	<0.1	1.55	2	<5	8.0	2.0
S1 L4+50W 4+75S		10	26	<0.1	5.40	3	<5	5.0	
S1 L4+50W 5+00S		3	9	0.1	2.25	2	<5		
S1 L4+50W 5+25S		32	21	0.2	9.40	5	<5	5.0	
S1 L4+50W 5+50S		10	31	<0.1	6.40	2	<5		
S1 L5+00W 0+00S		49	22	<0.1	9.20	10	<5		

Bondar-Clegg & Company Ltd.
130 Pemberton Ave.
North Vancouver, B.C.
Canada V7P 2R5
Phone: (604) 985-0681
Telex: 04-352667

BONDAR-CLEGG

Geochemical Lab Report

REPORT: 127-3510

PROJECT: TITANTIC PAGE 3

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	Ag PPM	Fe PCT	As PPM	Au PPB	Au/wt G	Au/wt G
S1 L5+00W 0+25S		20	19	0.1	6.80	7	<5		
S1 L5+00W 0+50S		94	43	0.1	7.00	9	<5	2.0	8.0
S1 L5+00W 0+75S		13	18	0.2	5.60	4	<5		6.0
S1 L5+00W 1+00S		25	12	<0.1	4.20	6	45		
S1 L5+00W 1+25S		6	12	0.1	3.85	4	<5	2.0	8.0
S1 L5+00W 1+50S		14	35	<0.1	1.00	5	<5	1.0	9.0
S1 L5+00W 1+75S		35	30	0.2	8.60	6	<5	2.0	8.0
S1 L5+00W 2+00S		20	28	0.2	7.60	4	<5		5.0
S1 L5+00W 2+25S		14	30	0.2	>10.00	3	<5	7.0	
S1 L5+00W 2+75S		50	31	0.1	7.60	5	5		
S1 L5+00W 3+00S		50	68	0.2	>10.00	6	<5		
S1 L5+00W 3+25S		25	40	0.1	6.80	2	<5		
S1 L5+00W 3+50S		16	49	0.1	7.40	2	<5		
S1 L5+00W 4+00S		23	68	<0.1	8.20	3	<5		
S1 L5+00W 4+25S		11	38	0.1	5.00	3	<5		
S1 L5+00W 4+50S		15	30	<0.1	6.40	3	5	7.0	
S1 L5+00W 4+75S		18	12	0.1	8.40	3	<5		
S1 L5+00W 5+00S		15	18	0.1	7.20	5	<5		
S1 L5+00W 5+25S		15	19	0.1	7.00	3	<5		
S1 L5+00W 5+50S		5	46	0.1	2.90	3	15	6.0	
S1 L5+50W 0+00S		44	25	0.1	8.20	5	<5		
S1 L5+50W 0+25S		41	22	0.1	9.20	5	<5		
S1 L5+50W 0+50S		17	20	0.1	6.40	5	<5		
S1 L5+50W 0+75S		15	22	0.1	5.60	5	<5		
S1 L5+50W 1+00S		63	42	0.1	6.80	4	<5	7.0	
S1 L5+50W 1+25S		13	10	0.1	6.40	4	<5		
S1 L5+50W 1+50S		7	27	<0.1	5.60	5	10		
S1 L5+50W 1+75S		2	10	0.1	2.00	<2	10		
S1 L5+50W 2+00S		9	10	0.2	5.80	3	<5		
S1 L5+50W 2+25S		4	8	0.1	4.40	3	<5		
S1 L5+50W 2+50S		4	9	0.1	2.85	2	15		
S1 L5+50W 3+00S		4	9	0.1	2.00	3	65		
S1 L5+50W 3+25S		13	20	0.1	5.00	4	5		
S1 L5+50W 3+50S		18	29	0.1	6.80	4	<5		
S1 L5+50W 3+75S		26	123	0.2	>10.00	8	<5		
S1 L5+50W 4+00S		2	12	0.1	2.15	2	<5		
S1 L5+50W 4+25S		2	10	0.1	1.65	2	<5		
S1 L5+50W 4+50S		8	26	<0.1	7.40	3	<5	5.0	
S1 L5+50W 4+75S		5	20	0.1	4.40	2	5		
S1 L5+50W 5+00S		25	72	0.2	8.00	4	<5	5.0	

Bondar-Clegg & Company Ltd.
130 Pemberton Ave.
North Vancouver, B.C.
Canada V7P 2R5
Phone: (604) 985-0681
Telex: 04-352667

BONDAR-CLEGG

Geochemical Lab Report

REPORT: 127-3510 | PROJECT: TITANTIC |

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	Ag PPM	Fe PCT	As PPM	Au PPB	Au/wt G	Au/wt G
S1 L5+50W 5+25S		20	42	0.1	5.80	2	<5		
S1 L5+50W 5+50S		17	90	0.1	8.80	3	<5		
S1 L6+00W 0+00S		38	31	0.1	6.60	4	<5		
S1 L6+00W 0+50S		18	15	0.1	6.40	5	<5		
S1 L6+00W 0+75S		17	32	0.1	9.20	5	<5	5.0	
S1 L6+00W 2+25S		12	42	0.1	4.80	2	<5		5.0
S1 L6+00W 3+00S		7	26	0.2	2.85	2	95	5.0	
S1 L6+00W 4+25S		11	62	<0.1	>10.00	4	<5		
S1 L7+00W 0+75S		2	22	0.1	3.90	2	<5	8.0	2.0
S1 L7+00W 5+00S		11	49	0.1	5.00	3	<5	5.0	
S1 L7+50W 0+00S		18	20	0.1	6.80	5	10		
S1 L7+50W 0+25S		28	42	0.1	6.00	3	<5	5.0	
S1 L7+50W 0+50S		6	27	0.1	5.20	3	<5		
S1 L7+50W 0+75S		2	10	0.1	1.90	2	<5		
S1 L7+50W 1+00S		1	12	0.1	2.65	2	60	5.0	
S1 L7+50W 1+25S		2	9	0.1	1.70	2	<5		
S1 L7+50W 2+00S		1	3	0.2	2.50	8	<5		
S1 L7+50W 2+75S		6	19	0.1	1.90	3	<5		
S1 L7+50W 3+25S		3	28	<0.1	2.90	2	35	5.0	
S1 L7+50W 5+00S		3	12	<0.1	1.15	2	<5		
S1 L7+50W 5+25S		7	30	0.1	3.85	4	<5		5.0
S1 L8+00W 0+00S		17	22	<0.1	10.00	5	<5	2.0	4.0
S1 L8+00W 0+25S		20	21	0.1	9.60	4	15		5.0
S1 L8+00W 0+50S		33	59	0.1	7.80	3	<5	2.0	5.0
S1 L8+00W 3+50S		2	10	0.1	0.70	2	<5	5.0	
S1 L8+00W 4+50S		3	8	<0.1	0.85	3	<5		
S1 L8+00W 4+75S		12	31	<0.1	7.00	5	<5	2.0	3.0
S1 L8+00W 5+00S		21	41	<0.1	9.00	4	<5	5.0	
S1 L8+00W 5+25S		7	22	<0.1	9.80	8	<5		
S1 L8+50W 0+00S		8	30	0.1	6.60	3	<5		
S1 L8+50W 0+25S		7	28	<0.1	4.80	3	5	2.0	8.0
S1 L8+50W 0+50S		2	13	0.1	2.95	2	<5		
S1 L8+50W 0+75S		3	19	<0.1	3.50	2	<5	5.0	
S1 L8+50W 1+25S		11	18	0.2	6.00	3	<5		
S1 L8+50W 3+75S		3	10	<0.1	3.65	4	15		
S1 L8+50W 4+00S		9	21	0.2	7.00	5	<5	6.0	
S1 L8+50W 4+25S		5	10	0.1	3.20	4	<5		
S1 L8+50W 4+50S		5	10	0.1	2.60	3	<5	5.0	
S1 L9+00W 0+25S		16	32	0.1	7.80	3	<5		
S1 L9+00W 0+50S		22	22	0.1	6.20	3	<5		

Bondar-Clegg & Company Ltd.
130 Pemberton Ave.
North Vancouver, B.C.
Canada V7P 2R5
Phone: (604) 985-0681
04-352667

BONDAR-CLEGG

Geochemical Lab Report

REPORT: 127-3510

PROJECT: TITANTIC PAGE 5

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	Ag PPM	Fe PCT	As PPM	Au PPB	Au/wt G	Au/wt G
S1 L9+00W 2+50S		10	12	<0.1	5.40	3	<5	9.0	
S1 L9+00W 3+50S		4	12	0.1	3.80	3	<5	8.0	
S1 L9+00W 4+75S		9	9	0.1	3.60	3	<5	5.0	
S1 L9+50W 0+00S		20	30	0.2	4.80	3	<5	4.8	
S1 L9+50W 0+25S		5	13	0.2	4.00	3	<5	5.0	
S1 L9+50W 0+75S		5	8	<0.1	2.05	3	<5		
S1 L9+50W 1+25S		3	8	<0.1	2.30	3	<5	5.0	
S1 L9+50W 1+50S		15	10	0.2	9.00	3	<5		
S1 L9+50W 2+75S		5	11	0.2	4.40	3	<5		
S1 L9+50W 3+00S		12	42	0.2	>10.00	4	<5	4.0	
S1 L9+50W 3+50S		2	2	0.2	3.35	2	<5		
S1 L10+00W 0+00S		13	30	0.2	9.40	3	<5		
S1 L10+00W 0+25S		14	50	0.2	>10.00	3	<5	5.0	
S1 L10+00W 0+50S		6	12	0.1	4.40	2	10	6.0	
S1 L10+00W 0+75S		5	5	0.2	0.90	2	<5	6.0	
S1 L10+00W 1+00S		5	10	0.1	1.15	<2	<5	2.0	8.0
S1 L10+00W 1+50S		11	19	<0.1	5.00	3	<5	3.0	7.0
S1 L10+00W 1+75S		6	12	<0.1	3.65	3	<5	2.0	8.0
S1 L10+00W 2+00S		5	9	<0.1	4.40	3	<5		
S1 L10+00W 2+50S		6	18	0.2	2.90	4	5	2.0	8.0
S1 L10+00W 3+25S		2	10	0.1	1.70	3	<5	8.0	2.0
S1 L10+00W 3+50S		2	12	0.1	2.10	3	<5		
S1 L10+00W 4+00S		1	10	0.1	2.25	3	<5	8.0	2.0
S1 L10+00W 4+50S		1	2	0.1	0.50	3	<5		
S1 L10+00W 5+25S		6	20	0.1	5.00	3	<5		3.0
S1 L10+00W 5+50S		2	10	0.1	1.45	2	<5		

Bondar-Clegg & Company Ltd.
130 Pemberton Ave.
North Vancouver, B.C.
Canada V7P 2R5
Phone: (604) 985-0681
Telex: 04-352667

BONDAR-CLEGG

Geochemical Lab Report

REPORT: 127-4007 | PROJECT: TITANTIC |

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	Ag PPM	Fe PCT	As PPM	Au PPB	Au/Wt G	Au/Wt G
S1 0+00W 1+75N		18	30	<0.1	7.60	2	<5	10.0	
S1 0+00W 2+75N		26	32	<0.1	>10.00	13	<5	10.0	
S1 0+00W 3+00N		52	80	<0.1	>10.00	8	5	10.0	
S1 0+00W 3+50N		7	11	<0.1	1.80	2	35	10.0	
S1 0+00W 4+00N		17	13	<0.1	7.40	2	40	9.0	
S1 0+00W 4+50N		11	13	<0.1	2.20	2	<5		10.0
S1 0+00W 6+75N		129	53	<0.1	5.00	4	<5	10.0	
S1 0+00W 7+25N		19	32	<0.1	4.40	4	<5	4.0	6.0
S1 1+00W 0+75N		4	12	<0.1	2.95	3	<5	8.0	
S1 1+00W 1+00N		4	20	<0.1	2.65	2	<5	8.0	
S1 1+00W 3+50N		14	13	<0.1	7.60	3	220	10.0	
S1 1+00W 5+00N		10	30	<0.1	4.40	3	10	8.0	
S1 2+00W 0+75N		7	18	<0.1	3.50	2	10	10.0	
S1 2+00W 1+25N		17	50	<0.1	7.20	4	<5	10.0	
S1 2+00W 1+75N		7	18	<0.1	4.40	3	<5	10.0	
S1 2+00W 2+75N		9	30	<0.1	3.30	3	<5	2.0	8.0
S1 2+00W 3+00N		5	12	<0.1	3.30	3	<5	10.0	
S1 2+00W 4+00N		5	13	<0.1	1.60	2	20	5.0	
S1 2+00W 4+25N		8	11	<0.1	3.10	2	<5	10.0	
S1 2+00W 5+50N		6	20	<0.1	4.00	2	10	7.0	
S1 2+00W 6+25N		2	5	<0.1	0.80	<2	10	10.0	
S1 2+00W 6+50N		2	7	<0.1	1.90	<2	<5	4.0	6.0
S1 3+00W 0+25N		39	51	<0.1	7.80	2	<5	10.0	
S1 3+00W 0+50N		9	12	<0.1	7.80	2	<5	10.0	
S1 3+00W 1+25N		6	14	<0.1	4.20	2	<5	10.0	
S1 3+00W 1+75N		9	10	<0.1	4.20	3	<5	3.0	7.0
S1 3+00W 2+75N		31	38	<0.1	7.20	4	<5	7.0	
S1 3+00W 3+25N		8	16	<0.1	5.20	5	<5	5.0	
S1 3+00W 3+50N		8	22	<0.1	5.40	6	<5	8.0	
S1 3+00W 3+75N		8	20	<0.1	5.60	5	<5	10.0	
S1 3+00W 6+50N		3	18	<0.1	2.80	<2	<5	6.0	
S1 4+00W 0+00N		34	55	<0.1	7.00	2	<5	1.0	9.0
S1 4+00W 0+50N		11	22	<0.1	5.60	3	<5	10.0	
S1 4+00W 1+00N		5	15	<0.1	4.20	2	<5	10.0	
S1 4+00W 4+75N		9	22	<0.1	4.80	5	<5	3.0	7.0
S1 4+00W 6+25N		17	50	<0.1	8.60	3	<5		10.0
S1 5+00W 0+00N		52	42	<0.1	>10.00	5	<5	5.0	
S1 5+00W 0+25N		59	21	<0.1	7.40	5	<5	8.0	
S1 5+00W 0+50N		72	140	<0.1	7.40	20	280	10.0	
S1 5+00W 1+00N		126	91	<0.1	7.20	5	<5	10.0	

Bondar-Clegg & Company Ltd.
130 Pemberton Ave.
North Vancouver, B.C.
Canada V7P 2R5
Phone: (604) 985-0681
Fax: 04-352667

BONDAR-CLEGG

Geochemical Lab Report

REPORT: 127-4007

PROJECT: TITANTIC PAGE 2

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	Ag PPM	Fe PCT	As PPM	Au PPB	Au/wt G	Au/wt G
S1 5+00W 1+25N		131	80	<0.1	9.80	5	<5	10.0	
S1 5+00W 1+50N		149	84	<0.1	7.60	5	<5	10.0	
S1 5+00W 1+75N		117	88	<0.1	6.80	5	<5	10.0	
S1 5+00W 2+00N		147	50	<0.1	8.20	3	<5	10.0	
S1 5+00W 2+25N		34	20	<0.1	9.60	4	<5	4.0	6.0
S1 5+00W 2+50N		24	14	<0.1	8.80	3	<5	3.0	7.0
S1 5+00W 2+75N		32	26	<0.1	8.20	3	<5	5.0	
S1 5+00W 3+00N		132	58	<0.1	6.60	3	<5	2.0	8.0
S1 5+00W 3+25N		53	39	<0.1	>10.00	4	<5	10.0	
S1 5+00W 3+50N		25	29	<0.1	9.80	4	<5	5.0	
S1 5+00W 3+75N		31	20	<0.1	9.80	3	10		10.0
S1 5+00W 4+00N		64	42	<0.1	7.80	2	<5	8.0	
S1 5+00W 4+25N		61	42	<0.1	8.00	3	<5		10.0
S1 5+00W 4+50N		61	33	<0.1	7.80	3	<5	7.0	
S1 5+00W 4+75N		81	45	0.3	8.00	3	<5	8.0	
S1 5+00W 5+00N		38	31	<0.1	9.80	4	10	5.0	
S1 5+00W 5+25N		50	29	<0.1	10.00	2	560	10.0	
S1 5+00W 5+50N		38	24	<0.1	>10.00	4	55	6.0	
S1 6+00W 0+00N		69	47	0.1	7.00	5	10	5.0	
S1 6+00N 0+25N		63	32	<0.1	8.00	5	<5	2.0	8.0
S1 6+00W 0+50N		22	22	<0.1	7.60	5	<5	4.0	6.0
S1 6+00W 0+75N		39	25	<0.1	6.40	4	<5	2.0	8.0
S1 6+00W 1+00N		30	28	<0.1	8.00	5	<5	10.0	
S1 6+00W 1+25N		106	92	<0.1	6.00	125	20	3.0	7.0
S1 6+00W 1+50N		49	52	<0.1	8.40	8	<5	3.0	7.0
S1 6+00W 1+75N		60	68	<0.1	8.00	9	220	8.0	
S1 6+00W 2+00N		61	60	<0.1	8.20	4	5	7.0	
S1 6+00W 2+25N		115	82	<0.1	7.00	4	10	10.0	
S1 6+00W 2+75N		107	55	<0.1	8.20	3	<5	7.0	
S1 6+00W 3+00N		63	42	<0.1	8.20	4	<5	7.0	
S1 6+00W 3+25N		27	25	<0.1	10.00	2	<5		5.0
S1 6+00W 3+50N		27	22	<0.1	>10.00	3	<5	4.0	6.0
S1 6+00W 3+75N		33	28	<0.1	9.00	2	<5	6.0	
S1 6+00W 4+00N		82	40	<0.1	8.20	3	<5	3.0	7.0
S1 6+00W 4+25N		33	28	<0.1	8.20	3	10	4.0	6.0
S1 6+00W 4+50N		47	40	<0.1	8.40	3	<5	9.0	
S1 6+00W 4+75N		22	22	<0.1	9.00	2	25	3.0	7.0
S1 6+00W 5+00N		21	22	<0.1	7.80	2	<5	4.0	6.0
S1 6+00W 5+25N		21	20	<0.1	8.00	2	<5	10.0	
S1 7+00W 0+00N		41	62	<0.1	>10.00	5	<5	3.0	7.0

Bondar-Clegg & Company Ltd.
130 Pemberton Ave.
North Vancouver, B C.
Canada V7P 2R5
Phone: (604) 985-0681
Telex: 04-352667

BONDAR CLEGG

Geochemical Lab Report

REPORT: 127-4007

PROJECT: TITANTIC PAGE 3

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	Ag PPM	Fe PCT	As PPM	Au PPB	Au/wt G	Au/wt G
S1 7+00W 0+25N		14	13	<0.1	5.60	3	500	10.0	
S1 7+00W 0+50N		15	18	0.1	6.00	2	10	10.0	
S1 7+00W 0+75N		17	28	<0.1	6.40	3	25	7.0	
S1 7+00W 1+00N		45	46	0.2	10.00	7	20	10.0	
S1 7+00W 1+25N		33	54	<0.1	8.00	5	20	8.0	
S1 7+00W 1+50N		34	39	<0.1	7.80	6	<5	10.0	
S1 7+00W 1+75N		20	26	<0.1	6.60	2	20	10.0	
S1 7+00W 2+00N		83	29	<0.1	5.00	2	<5	10.0	
S1 7+00W 2+25N		82	113	<0.1	7.00	3	10	5.0	
S1 7+00W 2+50N		75	40	<0.1	9.00	2	<5	10.0	
S1 7+00W 2+75N		51	130	0.1	7.80	2	<5	6.0	
S1 7+00W 3+00N		89	55	0.1	10.00	4	<5	5.0	
S1 7+00W 3+25N		94	58	0.1	9.00	5	55	5.0	
S1 7+00W 3+50N		114	82	<0.1	6.20	4	50	2.0	8.0
S1 7+00W 4+00N		18	13	<0.1	5.40	4	5	5.0	
S1 7+00W 4+25N		28	30	<0.1	>10.00	5	15	7.0	
S1 7+00W 4+50N		80	102	<0.1	7.00	5	25		3.0
S1 7+00W 4+75N		17	19	<0.1	4.00	3	60	7.0	
S1 7+00W 5+00N		18	20	<0.1	4.20	2	<5	10.0	
S1 7+00W 5+25N		17	13	<0.1	3.80	3	<5	3.0	7.0
S1 8+00W 0+00N		34	30	<0.1	9.00	4	15	2.0	8.0
S1 8+00W 0+25N		55	50	<0.1	8.00	5	340		3.0
S1 8+00W 0+75N		17	19	<0.1	5.80	6	10		6.0
S1 8+00W 1+00N		44	39	<0.1	7.00	3	35		10.0
S1 8+00W 1+25N		26	23	<0.1	8.00	8	35	6.0	
S1 8+00W 1+50N		13	11	<0.1	5.60	5	5	10.0	
S1 8+00W 1+75N		39	22	<0.1	7.00	10	15	10.0	
S1 8+00W 2+25N		163	40	<0.1	5.80	2	25	6.0	
S1 8+00W 2+50N		116	34	<0.1	7.20	4	15	3.0	7.0
S1 8+00W 2+75N		25	20	0.1	7.20	2	10		4.0
S1 8+00W 3+00N		124	67	<0.1	7.80	2	<5		10.0
S1 8+00W 3+25N		31	40	<0.1	6.80	3	<5	6.0	
S1 8+00W 3+50N		95	108	0.1	7.20	9	35	10.0	
S1 8+00W 3+75N		44	29	0.1	8.00	3	15	6.0	
S1 8+00W 4+00N		87	20	<0.1	3.00	2	<5		3.0
S1 8+00W 4+25N		35	22	<0.1	7.00	2	<5	10.0	
S1 8+00W 4+75N		82	40	<0.1	10.00	3	<5	5.0	
S1 8+00W 5+00N		15	13	<0.1	3.80	2	20	10.0	
S1 8+00W 5+75N		32	19	<0.1	7.00	2	10	10.0	
S1 9+00W 0+00N		10	19	<0.1	4.20	<2	15	2.0	8.0

Bondar-Clegg & Company Ltd.
130 Pemberton Ave.
North Vancouver, B.C.
Canada V7P 2R5
Phone: (604) 985-0681
Telex: 04-352667

BONDAR-CLEGG

Geochemical Lab Report

REPORT: 127-4007 | PROJECT: TITANTIC |

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	Ag PPM	Fe PCT	As PPM	Au PPB	Au/wt G	Au/wt G
S1 12+00W 3+50N		5	73	<0.1	4.00	<2	<5	5.0	
S1 12+00W 0+00S		8	12	<0.1	4.00	<2	5		5.0
S1 12+00W 1+00S		17	41	<0.1	4.20	6	<5	10.0	
S1 12+00W 4+00S		3	13	<0.1	2.60	2	<5	3.0	7.0
S1 14+00W 0+25N		22	47	<0.1	3.70	4	<5		3.0
S1 14+00W 0+50N		18	22	<0.1	5.20	4	<5	10.0	
S1 14+00W 2+25N		2	6	<0.1	1.80	2	<5	10.0	

BONDAR-CLEGG

Geochemical Lab Report

REPORT: 127-2177

PROJECT: NONE GIVEN PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	Ag PPM	Fe PCT	Au PPB	Au/wt G	Au/wt G
T1 T-A 1		128	116	0.1	6.40	5	4.0	6.0
T1 T-A 2		149	100	0.1	6.40	<5	5.0	
T1 T-A 3		124	102	0.1	6.60	10	5.0	
T1 T-A 4		100	105	<0.1	6.60	5	4.0	6.0
T1 T-A 5		110	94	0.1	6.00	10	10.0	
T1 T-B 1		100	95	0.1	5.80	<5	5.0	
T1 T-B 2		69	108	0.4	5.00	40	5.0	
T1 T-B 3		81	102	0.2	5.80	60	10.0	
T1 T-B 4		68	102	0.4	5.60	60	5.0	
T1 T-B 5		62	103	0.4	5.00	80	5.0	
T1 T-B 6		67	114	0.9	5.40	25	2.0	8.0
T1 T-B 7		59	110	0.6	5.00	70	5.0	
T1 T-B 8		53	85	0.4	5.00	55	10.0	
T1 T-C 1		37	88	<0.1	5.60	3600	5.0	Julius Creek & Kennedy River.
T1 T-C 2		36	89	<0.1	5.80	10	5.0	
T1 T-C 3		51	94	0.1	5.40	160	6.0	
T1 T-C 4		56	48	0.1	6.00	<5	10.0	
T1 T-C 5		44	48	<0.1	8.00	60	10.0	
T1 T-C 6		15	65	<0.1	7.80	<5	7.0	
T1 T-C 08		18	90	<0.1	9.00	10	10.0	
T1 T-C 09		15	70	0.2	6.40	10	10.0	
T1 T-C 10		17	79	<0.1	4.00	<5	10.0	
T1 T-D		15	74	0.2	5.20	<5	5.0	
T1 T-E 130m		13	41	0.2	5.80	<5	10.0	
T1 T-F 1		12	58	<0.1	5.20	<5	10.0	
T1 T-F 2		13	88	<0.1	7.80	25	10.0	
T1 T-G		44	68	0.1	8.80	10	10.0	
T1 T-G 2		75	122	0.8	4.40	40	5.0	

28 Samples

Bondar-Clegg & Company Ltd.
130 Pemberton Ave.
North Vancouver, B.C.
Canada V7P 2R5
Phone: (604) 985-0681
Fax: 04-352667

BONDAR-CLEGG

Geochemical Lab Report

REPORT: 127-3509 | PROJECT: BEAR | PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	Ag PPM	Fe PCT	As PPM	Au PPB	Au/wt G	Au/wt G
S1 L4+00W 0+00S		16	30	0.1	7.80	3	<5		10.0
S1 L4+00W 0+50S		1	5	0.1	1.10	2	<5	10.0	
S1 L4+00W 0+75S		1	5	<0.1	1.15	2	<5	10.0	
S1 L4+00W 1+00S		11	35	<0.1	>10.00	5	<5	10.0	
S1 L4+00W 1+25S		10	29	<0.1	8.00	4	<5	10.0	
S1 L4+00W 1+50S		9	20	0.1	6.20	3	<5	10.0	
S1 L4+00W 2+25S		40	41	<0.1	>10.00	3	<5	10.0	
S1 L4+00W 2+50S		11	20	<0.1	>10.00	4	<5	10.0	
S1 L4+00W 2+75S		30	35	<0.1	7.00	2	<5	10.0	
S1 L4+00W 3+00S		40	32	0.1	6.20	3	20	10.0	
S1 L4+00W 3+25S		5	10	<0.1	5.60	5	20	10.0	
S1 L4+00W 3+50S		52	40	0.1	7.20	5	5	10.0	
S1 L4+00W 3+75S		8	11	0.1	7.40	4	15	10.0	
S1 L4+00W 4+00S		22	22	<0.1	9.00	5	20	10.0	
S1 L4+00W 4+25S		72	70	<0.1	6.80	6	10	10.0	
S1 L4+50W 0+25S		28	52	<0.1	9.80	4	<5	5.0	
S1 L4+50W 0+50S		15	30	<0.1	7.40	2	<5	7.0	
S1 L4+50W 0+75S		32	26	<0.1	7.60	5	5	10.0	
S1 L4+50W 1+00S		6	12	<0.1	7.00	3	5	10.0	
S1 L4+50W 1+25S		13	20	<0.1	8.00	3	15	10.0	
S1 L4+50W 2+00S		49	80	<0.1	8.00	4	<5	10.0	
S1 L4+50W 2+25S		30	40	0.1	9.20	5	<5	10.0	
S1 L4+50W 2+50S		51	60	0.1	8.20	5	<5	10.0	
S1 L4+50W 2+75S		50	30	0.1	8.40	4	180	10.0	
S1 L4+50W 4+00S		30	41	0.1	4.60	4	10	2.0	3.0
S1 L4+50W 4+25S		80	50	<0.1	6.60	5	10	2.0	8.0
S1 L5+00W 0+00S		11	60	<0.1	5.40	3	<5		2.0
S1 L5+00W 0+25S		49	42	<0.1	7.00	8	<5		10.0
S1 L5+00W 0+50S		11	20	0.1	8.20	4	5	4.0	6.0
S1 L5+00W 0+75S		52	32	<0.1	7.00	4	<5	10.0	
S1 L5+00W 1+00S		2	9	0.2	5.80	3	10	10.0	
S1 L5+00W 1+25S		2	9	<0.1	3.80	3	20	6.0	
S1 L5+00W 1+50S		18	15	<0.1	8.20	3	30	10.0	
S1 L5+00W 1+75S		12	22	0.1	8.60	3	70	5.0	
S1 L5+00W 2+00S		98	80	<0.1	7.80	4	15	10.0	
S1 L5+00W 2+25S		48	29	<0.1	8.20	6	10	10.0	
S1 L5+00W 2+50S		23	79	0.2	2.35	5	180	2.0	8.0
S1 L5+00W 2+75S		26	110	0.2	2.95	7	150		10.0
S1 L5+00W 3+00S		23	100	0.1	3.40	6	20		10.0
S1 L5+00W 3+25S		28	63	<0.1	3.30	5	70	3.0	7.0

Bondar-Clegg & Company Ltd.
130 Pemberton Ave
North Vancouver, B.C.
Canada V7P 2R5
Phone (604) 985-0681
04-352667

BONDAR-CLEGG

Geochemical Lab Report

REPORT: 127-3509 | PROJECT: BEAR |

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	Ag PPM	Fe PCT	As PPM	Au PPB	Au/Wt G	Au/Wt G
S1 L5+00W 3+50S		49	65	<0.1	6.60	5	20	10.0	
S1 L5+00W 3+75S		63	90	0.2	6.60	6	<5	10.0	
S1 L5+00W 4+00S		38	40	<0.1	6.80	6	<5	8.0	
S1 L5+00W 4+25S		60	42	<0.1	6.80	5	<5		10.0
S1 L5+50W 0+00S		20	50	0.1	>10.00	5	<5	10.0	
S1 L5+50W 0+25S		52	42	<0.1	7.00	6	<5	10.0	
S1 L5+50W 0+50S		32	23	<0.1	8.40	4	<5	10.0	
S1 L5+50W 0+75S		30	26	0.1	8.20	4	<5	10.0	
S1 L5+50W 1+00S		50	42	0.1	6.60	4	<5	10.0	
S1 L5+50W 1+25S		17	20	<0.1	7.20	3	<5	10.0	
S1 L5+50W 1+50S		42	40	<0.1	7.00	3	<5	10.0	
S1 L5+50W 1+75S		42	42	0.1	6.20	2	<5	10.0	
S1 L5+50W 2+00S		30	110	<0.1	4.60	9	25	10.0	
S1 L5+50W 2+25S		30	120	<0.1	4.20	6	130	10.0	
S1 L5+50W 2+50S		40	79	0.1	4.20	10	<5	10.0	
S1 L5+50W 2+75S		28	69	0.1	4.00	9	640	5.0	
S1 L5+50W 3+00S		20	50	0.2	4.60	10	<5	10.0	
S1 L5+50W 3+25S		31	80	<0.1	3.90	8	60	7.0	
S1 L5+50W 3+50S		21	75	<0.1	4.20	8	<5	10.0	
S1 L5+50W 3+75S		30	95	<0.1	3.40	5	65	10.0	
S1 L5+50W 4+00S		49	40	<0.1	6.40	5	15	10.0	
S1 L5+50W 4+25S		49	51	<0.1	6.60	5	<5	10.0	
S1 L6+00W 0+00S		60	33	<0.1	5.00	3	<5	2.0	8.0
S1 L6+00W 0+25S		7	10	0.1	9.20	3	<5	6.0	
S1 L6+00W 0+50S		20	29	0.1	7.80	2	<5	10.0	
S1 L6+00W 0+75S		12	20	0.1	9.00	2	<5	8.0	
S1 L6+00W 1+00S		31	38	<0.1	8.00	3	<5	10.0	
S1 L6+00W 1+25S		20	22	<0.1	8.20	4	5	10.0	
S1 L6+00W 1+50S		10	19	0.1	4.40	2	<5	10.0	
S1 L6+00W 1+75S		42	158	0.4	3.10	5	190	3.0	7.0
S1 L6+00W 2+00S		38	138	0.2	3.60	7	100	6.0	
S1 L6+00W 2+25S		39	62	<0.1	4.40	9	50	10.0	
S1 L6+00W 2+50S		32	70	<0.1	4.60	9	<5	8.0	
S1 L6+00W 2+75S		22	58	<0.1	4.40	8	<5	8.0	
S1 L6+00W 3+00S		30	75	0.2	4.60	8	<5	10.0	
S1 L6+00W 3+25S		12	45	0.1	4.80	10	<5	6.0	
S1 L6+00W 3+50S		40	100	<0.1	5.60	10	<5	10.0	
S1 L6+00W 3+75S		21	63	<0.1	6.00	9	<5	10.0	
S1 L6+00W 4+00S		32	70	0.2	4.20	6	<5	10.0	
S1 L6+00W 4+25S		30	98	0.1	4.40	6	10	10.0	

Bondar-Clegg & Company Ltd.
130 Pemberton Ave.
North Vancouver, B.C.
Canada V7P 2R5
Phone: (604) 985-0681
Telex: 04-352667

BONDAR-CLEGG

Geochemical Lab Report

REPORT: 127-3509 | PROJECT: BEAR | PAGE 3

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	Ag PPM	Fe PCT	As PPM	Au PPB	Au/Wt G	Au/Wt G
S1 L6+50W 0+00S		30	40	0.1	6.40	4	10	4.0	6.0
S1 L6+50W 0+50S		52	38	<0.1	4.40	4	<5	10.0	
S1 L6+50W 0+75S		13	19	0.1	9.40	5	<5	5.0	
S1 L6+50W 1+00S		28	20	0.1	6.00	4	<5	8.0	
S1 L6+50W 2+00S		12	40	<0.1	4.20	6	<5	2.0	8.0
S1 L6+50W 2+50S		19	31	<0.1	4.40	4	<5	5.0	
S1 L6+50W 2+75S		30	79	0.1	4.60	7	<5	4.0	6.0
S1 L6+50W 3+00S		28	75	<0.1	5.40	6	<5	10.0	
S1 L6+50W 3+25S		30	70	<0.1	5.00	5	<5	10.0	
S1 L6+50W 3+50S		11	21	<0.1	5.80	4	<5	10.0	
S1 L6+50W 3+75S		30	70	0.1	4.40	5	<5	10.0	
S1 L6+50W 4+00S		35	70	0.1	4.40	6	<5	5.0	
S1 L6_50W 4+25S		47	82	0.1	5.20	6	<5	10.0	
S1 L7+00W 0+00S		41	61	0.2	6.80	4	10	10.0	
S1 L7+00W 0+25S		12	31	0.1	6.40	3	5	4.0	6.0
S1 L7+00W 0+50S		32	90	0.2	5.80	2	300	10.0	
S1 L7+00W 0+75S		30	62	0.1	6.60	3	15	3.0	7.0
S1 L7+00W 1+00S		50	55	<0.1	5.00	3	<5	7.0	
S1 L7+00W 1+25S		20	24	0.1	6.20	4	20	10.0	
S1 L7+00W 1+50S		32	40	0.2	6.80	5	40	7.0	
S1 L7+00W 1+75S		19	18	0.1	5.00	5	<5	7.0	
S1 L7+00W 2+00S		20	43	0.1	4.80	6	<5	7.0	
S1 L7+00W 2+25S		23	40	<0.1	5.40	6	<5	10.0	
S1 L7+00W 2+50S		22	60	0.1	4.40	8	<5	2.0	8.0
S1 L7+00W 2+75S		22	60	0.1	4.00	9	<5	6.0	
S1 L7+00W 3+00S		30	59	0.1	4.80	8	<5	10.0	
S1 L7+00W 3+25S		20	45	<0.1	5.00	8	<5	10.0	
S1 L7+00W 3+50S		20	50	0.2	4.80	8	<5	10.0	
S1 L7+00W 3+75S		32	80	<0.1	4.00	9	<5	2.0	8.0
S1 L7+00W 4+00S		26	62	<0.1	3.25	10	<5	5.0	
S1 L7+00W 4+25S		25	47	<0.1	3.75	8	<5	10.0	
T1 L1+77N 5+05W		10	22	<0.1	8.60	2	10	5.0	
T1 L2+00N 5+25W		13	50	0.1	6.00	2	<5	1.0	9.0
T1 L7+15W 1+50N		30	50	<0.1	3.80	<2	<5	8.0	
T1 L7+55W 1+30N		65	59	0.4	3.00	<2	<5	8.0	
T1 L8+50W 1+50N		13	10	0.3	1.00	<2	<5	4.0	6.0

Bondar-Clegg & Company Ltd.
130 Pemberton Ave.
North Vancouver, B.C.
Canada V7P 2R5
Phone: (604) 985-0681
Telex: 04-352667

BONDAR-CLEGG

Geochemical Lab Report

REPORT: 127-4005 | PROJECT: BEAR |

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	Ag PPM	Fe PCT	As PPM	Au PPB	Au/wt G	Au/wt G
S1 0+00W 0+50N		3	12	<0.1	1.60	2	<5	10.0	
S1 0+00W 2+25N		4	5	<0.1	1.20	2	<5	5.0	
S1 0+00W 3+75N		15	35	<0.1	7.00	3	<5		10.0
S1 0+00W 4+00N		8	33	<0.1	5.40	4	<5		10.0
S1 0+00W 4+50N		3	11	<0.1	1.50	2	<5	2.0	8.0
S1 0+00W 5+25N		19	31	<0.1	5.20	7	30	10.0	
S1 0+00W 5+75N		2	9	<0.1	1.00	<2	<5		9.0
S1 0+00W 6+00N		22	83	<0.1	>10.00	3	<5		10.0
S1 0+00W 6+25N		8	18	<0.1	4.20	2	<5		10.0
S1 0+00W 0+00S		36	48	<0.1	6.40	8	<5		10.0
S1 0+00W 0+25S		30	28	<0.1	5.00	7	<5		8.0
S1 0+00W 0+50S		38	48	<0.1	6.00	7	<5	5.0	
S1 0+00W 0+75S		8	20	<0.1	4.80	2	<5		8.0
S1 0+00W 3+50S		10	28	<0.1	6.00	2	5		10.0
S1 0+00W 4+00S		99	80	<0.1	6.00	6	40	10.0	
S1 0+00W 4+25S		95	80	0.2	6.00	7	5	10.0	
S1 0+00W 5+00S		104	82	<0.1	6.60	8	<5	7.0	
S1 0+50W 0+25N		7	8	<0.1	1.35	2	<5		5.0
S1 0+50W 1+00N		23	30	<0.1	7.00	2	<5		10.0
S1 0+50W 1+25N		8	12	<0.1	2.90	2	<5		7.0
S1 0+50W 2+00N		20	20	0.2	9.20	2	<5	2.0	8.0
S1 0+50W 2+00S		5	3	<0.1	1.45	<2	<5	5.0	
S1 0+50W 2+50S		25	42	<0.1	10.00	4	<5		10.0
S1 0+50W 3+25S		18	38	<0.1	>10.00	4	<5		10.0
S1 0+50W 3+50S		45	43	<0.1	7.40	6	<5		3.0
S1 1+00W 0+00N		15	13	<0.1	5.00	5	<5		4.0
S1 1+00W 0+25N		15	18	<0.1	6.00	7	<5		4.0
S1 1+00W 0+50N		27	20	<0.1	>10.00	5	<5	1.0	9.0
S1 1+00W 0+75N		87	60	<0.1	6.20	60	60	6.0	
S1 1+00W 1+00N		39	42	<0.1	6.80	27	20	2.0	8.0
S1 1+00W 5+00N		37	23	<0.1	8.20	4	5		10.0
S1 1+00W 5+25N		38	22	<0.1	8.00	5	<5		7.0
S1 1+00W 5+50N		24	30	<0.1	9.80	4	<5	2.0	8.0
S1 1+00W 5+75N		79	69	<0.1	7.00	5	30	8.0	
S1 1+00W 6+00N		39	28	<0.1	7.80	5	<5	2.0	8.0
S1 1+00W 6+25N		40	29	<0.1	6.00	3	10	4.0	6.0
S1 1+00W 6+50N		28	20	<0.1	5.80	4	25	10.0	
S1 1+00W 6+75N		31	33	<0.1	7.00	3	10	6.0	
S1 1+00W 7+00N		29	30	<0.1	6.00	4	<5	4.0	6.0
S1 1+00W 7+25N		8	10	<0.1	2.70	2	<5	4.0	6.0

Bondar-Clegg & Company Ltd.
130 Pemberton Ave
North Vancouver, B.C.
Canada V7P 2R5
Phone: (604) 985-0681
Fax: 04-352667

BONDAR-CLEGG

Geochemical Lab Report

REPORT: 127-4005 | PROJECT: BEAR |

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	Ag PPM	Fe PCT	As PPM	Au PPB	Au/Wt G	Au/Wt G
S1 1+00W 0+50S		11	67	<0.1	4.20	4	<5		4.0
S1 1+00W 1+00S		9	23	<0.1	5.00	2	480	7.0	
S1 1+00W 1+75S		14	40	0.2	8.00	4	<5		10.0
S1 1+00W 2+25S		8	42	<0.1	5.00	3	<5		2.0
S1 1+00W 2+50S		21	53	<0.1	7.60	3	<5		4.0
S1 1+00W 3+00S		4	32	<0.1	2.50	2	<5		4.0
S1 1+00W 3+75S		5	30	<0.1	2.30	<2	<5		5.0
S1 1+00W 4+00S		5	23	<0.1	5.00	3	<5		6.0
S1 1+50W 0+00N		8	11	<0.1	3.95	3	5		10.0
S1 1+50W 4+25S		5	10	<0.1	2.40	<2	<5	2.0	6.0
S1 2+00W 0+00N		11	10	<0.1	5.40	4	25	5.0	
S1 2+00W 0+25N		90	40	<0.1	8.80	8	5	10.0	
S1 2+00W 0+50N		79	39	0.2	9.20	7	50	3.0	7.0
S1 2+00W 0+75N		130	80	0.2	6.00	40	20	5.0	
S1 2+00W 1+00N		68	78	<0.1	5.00	70	20	10.0	
S1 2+00W 1+25N		29	40	<0.1	5.00	7	25		10.0
S1 2+00W 1+75N		112	78	<0.1	6.40	44	25	8.0	
S1 2+00W 2+00N		152	82	<0.1	6.20	10	15		10.0
S1 2+00W 2+25N		137	80	<0.1	6.60	7	15	10.0	
S1 2+00W 2+50N		112	76	<0.1	6.00	8	10	7.0	
S1 2+00W 2+75N		109	80	<0.1	6.20	10	5		10.0
S1 2+00W 5+00N		88	50	<0.1	6.40	7	10	10.0	
S1 2+00W 5+25N		44	29	<0.1	5.20	3	<5	6.0	
S1 2+00W 5+50N		38	30	0.2	6.40	5	5	2.0	8.0
S1 2+00W 5+75N		35	30	<0.1	7.20	5	<5	3.0	7.0
S1 2+00W 6+00N		68	30	0.2	7.00	5	20		10.0
S1 2+00W 6+25N		39	28	<0.1	5.40	5	<5	9.0	
S1 2+00W 6+50N		42	35	<0.1	5.80	4	10	2.0	8.0
S1 2+00W 6+75N		36	26	<0.1	8.00	4	<5	6.0	
S1 2+00W 7+00N		103	42	<0.1	6.00	7	15	4.0	6.0
S1 2+00W 7+25N		87	48	<0.1	4.60	4	5	7.0	
S1 2+00W 7+50N		62	42	<0.1	6.00	8	10	6.0	
S1 2+00W 0+00S		19	19	<0.1	7.20	5	5	2.0	8.0
S1 2+00W 0+25S		12	20	<0.1	7.00	5	<5	2.0	8.0
S1 2+00W 0+75S		6	20	<0.1	2.60	2	5	4.0	6.0
S1 2+00W 2+00S		5	5	<0.1	2.20	2	<5	4.0	6.0
S1 2+00W 2+50S		4	10	<0.1	1.60	3	20	5.0	
S1 2+00W 2+75S		7	20	<0.1	2.20	2	<5		9.0
S1 2+00W 3+25S		13	19	<0.1	3.45	2	5	3.0	7.0
S1 2+00W 3+50S		16	20	<0.1	3.95	<2	5		6.0

Bondar-Clegg & Company Ltd.
130 Pemberton Ave.
North Vancouver, B.C.
Canada V7P 2R5
Phone: (604) 985-0681
Telex: 04-352667

BONDAR-CLEGG

Geochemical Lab Report

REPORT: 127-4005 | PROJECT: BEAR |

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	Ag PPM	Fe PCT	As PPM	Au PPB	Au/Wt G	Au/Wt G
S1 2+00W 3+75N		3	8	<0.1	1.15	2	5	10.0	
S1 2+00W 4+25S		9	12	<0.1	3.30	2	10	7.0	
S1 2+50W 0+00S		28	22	<0.1	7.00	3	<5	6.0	
S1 2+50W 0+25S		32	21	<0.1	7.00	6	15	8.0	
S1 2+50W 1+25S		37	82	<0.1	>10.00	<2	<5	1.0	9.0
S1 2+50W 1+50S		43	91	<0.1	>10.00	4	<5		6.0
S1 2+50W 1+75S		46	94	<0.1	>10.00	3	<5	2.0	8.0
S1 3+00W 0+00N		72	38	<0.1	>10.00	10	10	10.0	
S1 3+00W 0+25N		40	28	0.2	9.20	9	10		10.0
S1 3+00W 0+50N		89	40	<0.1	>10.00	8	15	3.0	7.0
S1 3+00W 0+75N		84	41	<0.1	>10.00	9	35	5.0	
S1 3+00W 3+00N		98	40	<0.1	8.20	4	10		10.0
S1 3+00W 3+25N		29	32	0.6	9.20	5	<5	3.0	7.0
S1 3+00W 3+50N		84	40	<0.1	8.00	6	<5	3.0	7.0
S1 3+00W 3+75N		69	38	<0.1	8.40	5	<5	6.0	
S1 3+00W 4+00N		52	35	<0.1	>10.00	4	<5	5.0	
S1 3+00W 4+25N		24	50	<0.1	>10.00	5	15	6.0	
S1 3+00W 4+50N		64	46	<0.1	>10.00	5	<5	5.0	
S1 3+00W 4+75N		69	43	<0.1	>10.00	4	<5	5.0	
S1 3+00W 0+50S		24	22	<0.1	8.80	3	<5	2.0	8.0
S1 3+00W 1+00S		6	17	<0.1	2.60	3	<5	7.0	
S1 3+00W 1+25S		12	26	<0.1	7.00	2	10	2.0	8.0
S1 3+00W 1+50S		8	12	<0.1	2.35	2	<5	10.0	
S1 3+00W 1+75S		18	42	<0.1	8.20	5	<5		10.0
S1 3+00W 2+00S		10	23	<0.1	3.45	2	<5	5.0	
S1 3+00W 2+25S		4	5	<0.1	1.25	2	<5	2.0	8.0
S1 3+00W 2+50S		19	29	<0.1	>10.00	3	<5	8.0	
S1 3+00W 2+75S		29	51	<0.1	>10.00	5	<5	10.0	
S1 3+00W 3+25S		60	70	<0.1	7.00	5	<5	5.0	
S1 3+00W 3+50S		88	63	<0.1	7.00	5	<5	10.0	
S1 3+00W 4+00S		33	40	<0.1	7.00	4	<5		3.0
S1 3+00W 4+25S		52	61	<0.1	4.80	3	<5	10.0	
S1 3+50W 0+00S		14	41	0.2	4.20	IS	<5	3.1	
S1 3+50W 0+25S		9	12	<0.1	5.80	2	<5	3.0	7.0
S1 3+50W 0+50S		4	11	<0.1	2.80	<2	15	5.0	
S1 3+50W 1+00S		19	23	<0.1	>10.00	2	<5		6.0
S1 3+50W 1+25S		3	5	<0.1	3.00	<2	<5		5.0
S1 3+50W 1+50S		6	10	<0.1	3.30	2	<5	7.0	
S1 3+50W 1+75S		12	19	<0.1	7.40	3	<5		10.0
S1 3+50W 2+00S		10	22	<0.1	8.20	3	<5	10.0	

Bondar-Clegg & Company Ltd.
130 Pemberton Ave.
North Vancouver, B.C.
Canada V7P 2R5
Phone: (604) 985-0681
Telex: 04-352667

BONDAR CLEGG

Geochemical Lab Report

REPORT: 127-4005 | PROJECT: BEAR |

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	Ag PPM	Fe PCT	As PPM	Au PPB	Au/wt G	Au/wt G
S1 3+50W 2+75S		7	7	<0.1	2.40	<2	<5	8.0	
S1 3+50W 3+25S		68	59	<0.1	8.80	5	15	10.0	
S1 3+50W 3+75S		110	79	<0.1	5.60	5	<5	10.0	
S1 3+50W 4+00S		65	48	<0.1	6.20	6	<5	10.0	
S1 3+50W 4+25S		43	40	0.2	6.80	4	<5	4.0	6.0
S1 4+00W 0+00N		14	18	<0.1	6.40	5	110	4.0	6.0
S1 4+00W 0+25N		77	50	<0.1	5.60	10	<5	2.0	8.0
S1 4+00W 0+50N		122	68	0.3	8.80	30	<5	6.0	
S1 4+00W 1+00N		63	78	<0.1	7.80	6	25	9.0	
S1 4+00W 1+50N		159	92	<0.1	7.00	5	<5	10.0	
S1 4+00W 2+25N		69	42	<0.1	9.00	6	<5	6.0	
S1 4+00W 2+50N		35	20	0.2	8.00	3	<5	3.0	7.0
S1 4+00W 2+75N		17	20	<0.1	8.40	4	10	8.0	
S1 4+00W 3+00N		84	46	0.6	7.20	5	75	8.0	
S1 4+00W 3+25N		110	60	0.1	8.00	5	<5	10.0	
S1 4+00W 3+50N		18	30	0.1	7.80	4	<5	5.0	
S1 4+00W 3+75N		20	28	0.2	10.00	5	25	10.0	
S1 4+00W 4+00N		49	32	0.2	9.00	5	<5	5.0	
S1 4+00W 4+50N		45	50	0.1	9.00	5	<5	5.0	
S1 4+00W 4+75N		37	30	<0.1	>10.00	5	5	10.0	
S1 4+00W 5+00N		105	36	<0.1	9.00	3	<5	10.0	
S1 4+00W 5+25N		58	40	<0.1	>10.00	5	5	3.0	7.0
S1 4+00W 7+00N		26	30	0.2	8.20	4	<5	7.0	
S1 12+50W 0+00N		8	9	<0.1	2.90	3	<5	10.0	
S1 12+50W 1+00N		6	7	<0.1	1.40	2	<5	10.0	
S1 12+50W 1+25N		5	5	<0.1	0.80	2	80	3.0	7.0
S1 12+50W 1+50N		5	5	0.2	0.95	<2	15	10.0	
S1 12+50W 1+75N		10	5	<0.1	0.85	2	30	10.0	
S1 12+50W 0+50S		13	30	<0.1	3.65	7	5	7.0	
S1 12+50W 1+00S		13	12	<0.1	3.20	2	<5	10.0	
S1 12+50W 1+50S		33	132	<0.1	5.00	10	<5	6.0	
S1 12+50W 2+00S		14	41	<0.1	5.00	13	20	10.0	
S1 12+50W 2+25S		41	115	0.9	4.80	38	65	7.0	
S1 12+50W 3+50S		9	11	<0.1	3.75	3	<5	10.0	
S1 12+50W 4+25S		17	64	<0.1	9.00	15	<5	10.0	
S1 13+00W 0+00N		17	29	<0.1	5.00	5	5	6.0	
S1 13+00W 0+25N		11	10	<0.1	2.65	3	<5	10.0	
S1 13+00W 0+75N		21	42	<0.1	6.00	2	<5	3.0	7.0
S1 13+00W 1+50N		2	3	<0.1	0.95	2	5	5.0	
S1 13+00W 1+75N		5	11	<0.1	5.20	3	140	10.0	

Bondar-Clegg & Company Ltd.
130 Pemberton Ave.
North Vancouver, B.C.
Canada V7P 2R5
Phone: (604) 985-0681
: 04-352667

BONDAR-CLEGG

Geochemical Lab Report

REPORT: 127-4005 | PROJECT: BEAR | PAGE 5

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	Ag PPM	Fe PCT	As PPM	Au PPB	Au/wt G	Au/wt G
S1 13+00W 2+00N		6	18	<0.1	5.40	3	15	10.0	
S1 13+00W 0+50S		22	71	<0.1	5.20	11	<5	9.0	
S1 13+00W 0+75S		20	49	<0.1	5.20	12	<5	6.0	
S1 13+00W 1+00S		23	30	<0.1	6.00	6	<5	8.0	
S1 13+50W 0+50N		15	13	<0.1	4.00	4	100	10.0	
S1 13+50W 1+25N		8	10	<0.1	3.45	<2	<5	9.0	
S1 13+50W 1+00S		13	30	<0.1	3.75	30	<5	10.0	
S1 13+50W 1+25S		7	150	<0.1	4.00	11	<5	5.0	
S1 13+50W 1+50S		23	70	<0.1	4.00	5	<5	5.0	
S1 13+50W 2+25S		10	54	<0.1	3.70	16	<5	10.0	
S1 13+50W 2+75S		6	10	<0.1	3.65	2	<5	10.0	
S1 14+00W 0+00S		6	15	<0.1	2.20	2	<5	10.0	
S1 14+00W 0+50S		5	8	<0.1	2.70	3	<5	10.0	
S1 14+00W 1+50S		17	21	<0.1	4.00	8	<5	10.0	
S1 14+00W 1+75S		11	21	<0.1	3.40	17	60	10.0	
S1 14+00W 2+00S		550	270	<0.1	6.20	51	<5	9.0	
S1 14+00W 2+25S		82	132	<0.1	6.80	53	20	10.0	

Bondar-Clegg & Company Ltd.
130 Pemberton Ave.
North Vancouver, B.C.
Canada V7P 2R5
Phone: (604) 985-0681
Telex: 04-352667

BONDAR-CLEGG

Geochemical Lab Report

REPORT: 127-4231 | PROJECT: LEAS | PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	Ag PPM	Fe PCT	As PPM	Au PPB	Au/wt G	Au ... G
S1 2+50W 0+00N		12	29	0.1	>10.00	5	<5	4.0	6.0
S1 2+50W 0+50N		19	23	0.1	8.40	5	5	10.0	
S1 2+50W 1+00N		20	29	<0.1	9.00	2	15	20.0	
S1 2+50W 1+25N		17	50	0.2	7.40	2	<5	1.6	2.8
S1 2+50W 1+50N		20	49	0.1	6.00	2	10		6.0
S1 2+50W 1+75N		8	20	<0.1	4.20	2	<5	4.0	5.0
S1 2+50W 2+00N		16	111	0.1	10.00	7	<5	7.0	
S1 4+50W 0+00N		70	53	<0.1	5.00	3	15	10.0	
S1 4+50W 0+25N		15	42	<0.1	7.40	3	<5	6.0	
S1 4+50W 0+50N		17	31	<0.1	6.40	3	5	3.0	7.0
S1 4+50W 0+75N		2	44	0.2	10.00	2	15		3.0
S1 5+00W 0+00N		19	55	<0.1	9.00	2	10	5.0	
S1 5+00W 0+25N		17	88	<0.1	10.00	3	5	3.0	6.0
S1 5+00W 0+50N		11	65	0.2	9.00	2	<5	1.0	8.0
S1 5+00W 0+00		5	13	<0.1	2.90	2	5	8.0	
S1 5+00W 2+25N		21	63	0.1	10.00	2	<5	3.0	7.0
S1 5+50W 0+00N		27	34	<0.1	>10.00	4	5		9.0
S1 5+50W 0+25N		8	26	0.2	8.40	2	<5		4.0
S1 5+50W 0+75N		7	11	<0.1	8.00	2	<5	7.0	
S1 5+50W 1+00N		3	3	<0.1	2.40	2	<5	10.0	
S1 5+50W 1+75N		15	55	0.2	7.00	2	10		4.0
S1 6+00W 0+00N		30	44	<0.1	10.00	3	<5	1.0	6.0
S1 6+00W 0+25N		11	18	<0.1	4.40	2	5	5.0	
S1 6+00W 0+75N		9	33	<0.1	5.00	2	<5	5.0	
S1 6+50W 0+50N		13	30	0.1	6.00	2	10	3.0	7.0
S1 6+50W 0+75N		10	36	0.1	5.00	2	45		10.0
S1 7+00W 0+00N		33	64	<0.1	7.40	2	55	2.0	9.0
S1 7+00W 1+50N		4	13	<0.1	4.20	2	25		9.0
S1 7+50W 0+00N		22	30	<0.1	4.20	2	75	3.0	7.0
S1 7+50W 0+25N		28	31	0.1	7.00	3	100	5.0	
S1 7+50W 0+50N		22	56	<0.1	6.00	2	85	3.0	7.0
S1 7+50W 0+75N		55	60	<0.1	6.00	2	150	7.0	
S1 7+50W 1+00N		25	27	<0.1	5.40	2	110	2.0	8.0
S1 7+50W 1+50N		19	68	<0.1	9.00	2	10		10.0
S1 7+50W 0+50S		26	33	0.1	7.00	2	45		10.0
S1 7+50W 0+75S		45	41	0.1	5.00	5	15	7.0	
S1 7+50W 1+00S		22	28	<0.1	6.00	4	50	5.0	
S1 7+50W 1+25S		25	37	0.3	7.00	8	110	3.0	7.0
S1 7+50W 1+75S		5	6	<0.1	3.90	2	10	10.0	
S1 7+50W 2+50S		22	52	<0.1	4.20	7	<5	5.0	

Bondar-Clegg & Company Ltd.
130 Pemberton Ave.
North Vancouver, B.C.
Canada V7P 2R5
Phone: (604) 985-0681
Fax: 04-352667

BONDAR-CLEGG

Geochemical Lab Report

REPORT: 127-4251 | PROJECT: BEAR | PAGE 2

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	Ag PPM	Fe PCT	As PPM	Au PPB	Au/wt G	Au/wt G
S1 7+50W 2+75S		27	51	0.1	4.20	6	<5	3.0	7.0
S1 7+50W 3+00S		36	65	0.1	4.40	6	10	10.0	
S1 7+50W 3+25S		33	67	<0.1	5.00	7	<5		10.0
S1 7+50W 3+50S		25	76	<0.1	4.00	6	10	10.0	
S1 8+00W 0+50N		5	14	<0.1	2.90	<2	40	8.0	
S1 8+00W 0+75N		13	34	<0.1	4.00	2	10		10.0
S1 8+00W 1+00N		12	16	<0.1	4.40	2	<5	9.0	
S1 8+00W 1+75N		15	54	0.3	6.00	2	<5	2.0	8.0
S1 8+00W 0+25S		2	196	<0.1	5.20	4	<5	3.0	7.0
S1 8+00W 1+25S		8	14	<0.1	2.80	2	65	10.0	
S1 8+00W 1+50S		5	57	<0.1	3.15	2	<5		10.0
S1 8+00W 1+75S		12	10	<0.1	7.00	3	<5	5.0	
S1 8+00W 2+75S		20	13	<0.1	4.40	5	65	10.0	
S1 8+00W 2+50S		5	12	0.2	5.20	3	<5	10.0	
S1 8+00W 2+75S		19	28	<0.1	7.00	2	10	10.0	
S1 8+00W 3+00S		5	21	<0.1	4.20	2	30	10.0	
S1 8+00W 3+25S		15	17	0.1	6.30	2	15	10.0	
S1 8+50W 0+25N		5	35	0.1	3.50	2	35		8.0
S1 8+50W 0+25S		5	69	<0.1	3.30	2	20	2.0	8.0
S1 8+50W 0+00S		4	30	<0.1	3.00	2	120	5.0	
S1 8+50W 1+25S		4	12	<0.1	1.60	2	220	10.0	
S1 8+50W 1+50S		4	42	<0.1	3.35	2	10	1.0	9.0
S1 8+50W 1+75S		3	4	0.2	2.10	2	<5	10.0	
S1 8+50W 2+00S		20	16	0.1	5.00	2	<5	3.0	7.0
S1 8+50W 2+25S		4	7	<0.1	3.10	2	<5	9.0	
S1 8+50W 2+50S		10	19	0.1	6.00	3	30	9.0	
S1 8+50W 2+75S		15	20	<0.1	5.00	2	10	9.0	
S1 8+50W 4+00S		10	22	<0.1	3.80	2	<5	4.0	6.0
S1 9+00W 0+00N		30	61	<0.1	10.00	5	<5	3.0	7.0
S1 9+00W 0+00S		16	58	<0.1	6.20	2	<5		10.0
S1 9+00W 0+25S		13	41	<0.1	7.40	2	<5	2.0	8.0
S1 9+00W 0+50S		9	21	<0.1	1.70	2	110	7.0	
S1 9+00W 0+75S		4	60	<0.1	4.20	7	75	10.0	
S1 9+00W 1+00S		1	11	<0.1	1.20	2	85	10.0	
S1 9+00W 1+50S		4	5	<0.1	2.60	2	<5	4.0	6.0
S1 9+00W 1+75S		5	11	0.1	4.20	2	<5	6.0	
S1 9+00W 2+00S		5	11	<0.1	5.80	2	15	10.0	
S1 9+00W 2+25S		6	7	<0.1	3.70	2	10	4.0	6.0
S1 9+00W 2+75S		4	7	<0.1	3.50	2	<5		10.0
S1 9+00W 3+00S		5	9	<0.1	4.60	2	30		10.0

Bondar-Clegg & Company Ltd.
130 Pemberton Ave
North Vancouver, B.C.
Canada V7P 2R5
Phone. (604) 985-0681
04-352667

BONDAR-CLEGG

Geochemical Lab Report

REPORT: 127-4251 | PROJECT: LEA | PAGE 3

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	Ag PPM	Fe PCT	As PPM	Au PPB	Au/wt G	Au/wt G
S1 9+00W 3+25S		10	14	<0.1	5.80	2	35		10.0
S1 9+50W 0+00N		210	50	<0.1	5.60	11	360		9.0
S1 9+50W 1+00N		73	220	<0.1	6.20	3	IS		
S1 9+50W 0+00S		5	15	<0.1	2.60	2	140		10.0
S1 9+50W 0+50S		7	15	<0.1	4.20	2	15	10.0	
S1 9+50W 1+25S		4	9	<0.1	3.40	2	35	8.0	
S1 9+50W 1+50S		2	4	0.1	1.10	2	15	8.0	
S1 9+50W 1+75S		8	14	0.1	5.40	2	5	10.0	
S1 9+50W 2+00S		10	11	0.1	6.20	2	<5	10.0	
S1 9+50W 2+75S		15	12	0.1	6.00	2	<5	7.0	
S1 9+50W 3+00S		11	20	<0.1	6.20	5	5	10.0	
S1 10+00W 0+75N		5	41	<0.1	3.70	2	90	10.0	
S1 10+00W 1+25N		4	16	<0.1	3.10	2	<5	8.0	
S1 10+00W 0+00S		23	77	0.2	6.20	2	120	1.0	6.0
S1 10+00W 0+75S		5	10	<0.1	3.20	2	75	6.0	
S1 10+00W 1+25S		4	15	<0.1	1.65	<2	5	8.0	7.0
S1 10+00W 1+50S		4	5	<0.1	2.45	2	10	10.0	
S1 10+00W 1+75S		11	28	0.2	5.75	3	<5		10.0
S1 10+00W 2+00S		4	11	<0.1	2.50	2	<5	4.0	6.0
S1 10+00W 2+25S		5	4	<0.1	2.05	2	5	4.0	
S1 10+00W 2+50S		10	25	0.1	6.00	2	25	10.0	
S1 10+00W 4+25S		2	5	<0.1	1.75	<2	<5	10.0	
S1 10+50W 0+00N		5	28	0.2	1.75	<2	20		10.0
S1 10+50W 0+00S		2	9	<0.1	2.30	2	15	10.0	
S1 10+50W 1+00S		12	19	<0.1	7.00	3	25	10.0	
S1 10+50W 1+25S		6	11	<0.1	5.80	2	15	8.0	
S1 10+50W 1+50S		28	37	<0.1	7.60	8	<5	4.0	6.0
S1 10+50W 2+00S		4	10	<0.1	2.70	2	<5	5.0	
S1 11+00W 0+50N		7	23	<0.1	6.00	2	75	2.0	8.0
S1 11+00W 0+75N		15	33	<0.1	4.20	2	10		10.0
S1 11+00W 1+00N		3	7	0.1	2.20	2	<5		10.0
S1 11+00W 1+75N		5	8	<0.1	1.55	<2	<5	10.0	
S1 11+00W 1+25S		15	30	<0.1	6.00	4	<5	10.0	
S1 11+00W 1+50S		28	22	<0.1	4.80	2	5	10.0	
S1 11+00W 1+75S		25	20	<0.1	4.20	2	15	10.0	
S1 11+00W 2+00S		5	13	<0.1	5.00	2	<5	10.0	
S1 11+50W 0+00N		3	19	<0.1	6.00	2	80	10.0	
S1 11+50W 0+25N		24	23	0.2	5.60	4	5		10.0
S1 11+50W 0+50N		3	13	<0.1	4.00	2	5	10.0	
S1 11+50W 0+75N		3	19	0.1	4.00	2	<5	8.0	7.0

Bondar-Clegg & Company Ltd.
130 Pemberton Ave
North Vancouver, B.C.
Canada V7P 2R5
Phone (604) 985-0681
Tx. 04-352667

BONDAR-CLEGG

Geochemical Lab Report

REPORT: 127-425.

PROJECT: BEAR

PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Zn PPM	Ag PPM	Fe PCT	As PPM	Au PPB	Au/wt G	Au/wt G
S1 11+50W 1+00N		10	35	<0.1	5.00	2	10	4.0	6.0
S1 11+50W 1+50N		2	5	<0.1	1.00	2	<5	6.0	
S1 12+00W 0+00N		7	16	<0.1	3.30	2	<5		10.0
S1 12+00W 0+25N		8	15	0.1	4.40	3	5	10.0	
S1 12+00W 0+50N		4	10	0.1	2.55	2	230	10.0	
S1 12+00W 1+00N		3	5	<0.1	1.25	2	5	10.0	
S1 12+00W 1+25N		9	10	<0.1	1.15	2	<5	10.0	

Arctex Engineering Services
301 - 1855 Balsam Street
Vancouver, B.C.
V6K 3M3

April 9, 1987

Memorandum To: Nationwide Gold Mines Corporation
From: Locke B. Goldsmith
Subject: Inspection Trip, Titanic Mineral Claim, Kennedy River Area, Vancouver Island, B.C.

Observations:

An inspection of geology in one stream valley was made on April 4. A traverse was made northwesterly along the unnamed stream from its confluence with the Kennedy River.

In its lower portion the stream is incised into boulder fields which appear to have been river-transported deposits. Numerous cobbles and boulders of limonite-stained, pyrite-bearing quartz were observed in the transported material; samples TI -1 and TI -3 to -7 were collected from this type of mineralization. Sample TI -3 was taken at the break in slope where the stream channel rises out of the main Kennedy River valley. No examples of similar pyritized quartz in float were observed uphill (northerly) from this location. A source other than the area drained by the stream is suggested. Prospecting should be done in other streams in the northeast.

Karmusten andesitic to basaltic volcanics are exposed along the upper valley. A shear zone which crosses the valley at a sharp angle is exposed for at least 60 metres of true width; the northwestern margin of the shear was not observed. The shear zone was followed for more than 150 metres on strike. Veins, veinlets, fracture fillings, and irregular (flow boundary) concentrations of quartz, with or without pyrite or limonite staining, are irregularly distributed across the structure.

Sample TI -2 was taken from a quartz-pyrite vein 8 cm in width. Most veinlets could not be sampled because outcrops are smooth. A portion of each samples TI -3 to -7 was retained for inspection after the assays were received.

The highest gold assay of 0.581 oz Au/ton was obtained from sample TI -4. Possible distinguishing features of this specimen include the smoky nature of the quartz, and noticeable chalcopyrite and bormite with pyrite in fracture fillings. At least two levels of gold content and thence two sources are suggested from the assays.

Sample TI -2 from the quartz pyrite vein carries 0.098 oz Au/ton and 1.44 oz Ag/ton.

Conclusions:

The shear zone is a large structural feature; gold is contained in quartz-pyrite veins within the zone. More than one source of mineralization in quartz cobbles is suggested by the precious metal assays. Economic concentrations of gold could be hosted in shear zones on the claim.

Recommendations:

Geological mapping, soil geochemistry, and magnetic and VLF-EM surveys should be completed over the entire property. Blasting to obtain fresh, unleached samples should be undertaken along the shear zone.

Cost Estimates:

Approximately $60,000.00 should be available to complete the project.

Locke B. Goldsmith, P. Eng.
Consulting Geologist

LBG/sw

Sample Descriptions
Titanic Claim

April 4, 1987

Sample Number	Description	Assays oz Au/ton	oz Ag/ton
TI -1	20 - cm diameter boulder of quartz veinlets in bucciated porphyry	0.006	0.02
TI -2	Chip-channel across 8 cm of white quartz with massive pyrite. Quartz vein occurs in a broad shear zone with many veinlets and fracture fillings	0.098	1.44
TI -3	Quartz pebble with partly oxidized pyrite and marcasite stringers and one speck of malachite. At topographic break in slope, sulphide-bearing float found upstream.	0.050	0.09
TI -4	Smoky quartz cobble, fracture fillings of pyrite with lesser chalcopyrite and bornite. One 0.05 cm massive sulphide stringe on the half which was sent for assay.	0.581	0.48
TI -5	White quartz cobble with several partially oxidized pyrite stringers.	0.016	0.03
TI -6	Quartz cobble. Fracture fillings of pyrite and marcasite in parallel orientation. No visible chalcopyrite.	0.010	0.06
TI -7	Quartz cobble. Gray and white quartz . Very fine-grained pyrite to 25%. No visible chalcopyrite.	0.112	0.22

Chemex Labs Ltd.
Analytical Chemists * Geochemists * Registered Assayers
212 BROOKSBANK AVE., NORTH VANCOUVER,
BRITISH COLUMBIA, CANADA V7J-2C1
PHONE (604) 984-0221

CERTIFICATE OF ANALYSIS A8714816

To : NATIONWIDE GOLD MINES CORP.

1500 - 1176 W. GEORGIA ST.
VANCOUVER, BC
V6E 4A2

*Page No. :1
Tot. Pages:1
Date :28-MAY-87
Invoice # :I-8714816
P.O. # :NONE

Project :
Comments:

DUPLICATE

SAMPLE DESCRIPTION	PREP CODE		Ag FA oz/T	Au FA oz/T								
TITANIC 1	207	—	0.08	1.096								

ALL ASSAY DETERMINATIONS ARE PERFORMED OR SUPERVISED BY B.C. CERTIFIED ASSAYERS

CERTIFICATION : B. Thwaite

R.TIM HENNEBERRY, FGAC, Consulting Geologist
4054 Dundas St. Burnaby, B.C. V5C-1A7 (604) 291-6085

CAPTAIN HOOK

A quartz vein (033/85E) was examined on the Captain Hook property. Vein location is approximately 13+85 W 4+20 N. The showing consists of a recessed cliff face with the vein visible semi-continuously for 10 metres up the face. Vein is also traceable for 3 metres on top until it goes under overburden cover. A couple of hand-trenches were put down along strike with limited success. Quartz sub-crop was located but bedrock could not be reached. Cliff face drops off steeply below showing to a creek a couple of hundred metres down. Traverse along creek for a short distance below showing located an abundance of angular to subangular quartz float, likely derived from the vein. The geometric relationship to the Bear and Mine faults is yet to be ascertained.

The quartz vein ranges in width from 25 to 40 centimetres. Dip appears to be rolling as it changes from 85 E to vertical to 85 W in a space of 10 metres. Vein is locally vuggy with euhedral quartz crystals. Very little sulfide mineralization was noted, though recessive pits in the quartz suggest it has been weathered out. The exposed quartz gives the impression that any mineralization would have been leached or transported a metre or so inside the weathered surface. Low assay values should not discount this vein, for that reason. A small zone of sulfide mineralization is associated with the footwall and hanging wall contacts within the host rock. Mineralization consists of pyrite and pyrrhotite, though a few specks of galena were also noted.

The vein is intrusive in a granite to granodiorite that looks to be a member of the Jurassic Island Intrusions. A narrow but well defined alteration halo has been developed, consisting of a ten centimetre zone of argillic alteration both on the fotwall and hanging wall contacts. This alteration zone also hosts the aforementioned sulfide mineralization. The vein contacts are sharply defined, with the actual vein standing out 10 to 30 centimetres from the actual cliff face. The vein is situated wiothin a break, approximately 2 to 3 metres from a sharply defined contact/ cliff face, suggesting the existance of a shear zone capable of hosting quartz veins.

Four samples were taken:

10596 from bottom of cliff face	- 0.25 metre	0.004 opt
10597 from half way up cliff face	- 0.35 metre	0.002 opt
10598 from top of cliff face	- 0.30 metre	0.002 opt
10599 subcrop grab from one hand trench	- grab	0.002 opt

R.Tim Henneberry, FGAC
Consulting Geologist

LEGEND

- ● > 70 ppm
- ● 50 - 69 ppm
- • 30 - 49 ppm

GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,935

Contours in Metres

0 50 100 150 200 250
Metres

NATIONWIDE GOLD MINES CORPORATION

CAPTAIN HOOK

As SOIL GEOCHEMISTRY (ppm)

DRAWN BY: RT Henneberry	SCALE: 1:2500
DATE: July, 1987	R Tom Henneberry
	FIGURE 6c

LEGEND

● 0.6 - 0.8 ppm

GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,935

Contours in Metres

0 50 100 150 200 250
Metres

NATIONWIDE GOLD MINES CORPORATION

CAPTAIN HOOK

Ag SOIL GEOCHEMISTRY (ppm)

DRAWN BY: R.T. Hemsberry	SCALE: 1: 2500
DATE: July, 1987	
	FIGURE 6b

LEGEND

● 100 - 500 ppm

Contour Interval 10 metres

N

Alberni - Tofino Highway

Augustus Creek

Olympic Creek

Julius Creek

KENNEDY RIVER

BL

0 100 200 300

Meters

NATIONWIDE GOLD MINES CORP

TITANIC PROJECT

Zn SOIL GEOCHEMISTRY (ppm)

DRAWN BY: R.T. Henneberry	SCALE: 1:2500
DATE: JUNE 1987	
	FIGURE 5e

LEGEND

● 100-500 ppm

Contour Interval 10 metres

N

Alberni - Tofino Highway

Augustus Creek

Olympic Creek

Jyllina Creek

KENNEDY RIVER

BL

10 W 9 W 8 W 7 W 6 W 5 W 4 W 3 W 2 W 1 W 0

800 N 700 N 600 N 500 N 400 N 300 N 200 N 100 N BL 100 S 200 S 300 S 400 S 500 S

0 100 200 300

Meters

GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,935

NATIONWIDE GOLD MINES CORP

TITANIC PROJECT

Cu SOIL GEOCHEMISTRY (ppm)

DRAWN BY: R.T. Henneberry	SCALE: 1:2500
DATE: JUNE 1987	
	FIGURE 5d

LEGEND

● > 70 ppm

Contour Interval 10 metres

N

Alberni - Tofino Highway

Augustus Creek

Olympic Creek

Julius Creek

KENNEDY RIVER

BL

0 100 200 300

Meters

GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,935

NATIONWIDE GOLD MINES CORP

TITANIC PROJECT

As SOIL GEOCHEMISTRY (ppm)

DRAWN BY: R.T. Henneberry | SCALE: 1:2500

DATE: JUNE 1987 | FIGURE 5c

LEGEND

● 0.5 - 0.6 ppm

Contour Interval 10 metres

N

Alberni - Tofino Highway

Augustus Creek

Olympic Creek

Julius Creek

KENNEDY RIVER

BL

0 100 200 300

Meters

GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,935

NATIONWIDE GOLD MINES CORP	
TITANIC PROJECT	
Ag SOIL GEOCHEMISTRY (ppm)	
DRAWN BY: R.T. Henneberry	SCALE: 1:2500
DATE: JUNE 1987	R. Henneberry
	FIGURE 56

LEGEND

- ● > 100 ppb
- ● 60 - 99 ppb
- ● 25 - 59 ppb

Contour Interval 10 metres

N

Alberni - Tofino Highway

ANOMALY C

ANOMALY A

ANOMALY B

Augustus Creek

Olympic Creek

Julius Creek

KENNEDY RIVER

BL

0 100 200 300
Meters

GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,935

NATIONWIDE GOLD MINES CORP

TITANIC PROJECT

Au SOIL GEOCHEMISTRY (ppb)

DRAWN BY: R.T. Henneberry	SCALE: 1:2500
DATE: JUNE 1987	FIGURE 5a

LEGEND

N

TITANIC

CANOE CREEK

Olympic Creek Showing

Olympic Creek

Baseline

JULIUS CREEK

Creek

FAULT

Gold Queen Vein Location

CAPTAIN HOOK

Julius Creek

Hook Vein

GRIZZLY BEAR

CINNAMON BEAR

BLACK BEAR

Bear Creek

MINE

Mine

BEAR

Baseline

Alberni - Tofino Highway

IRONSIDE

Creek

Stockwork

Zone

Shack Vein

CREEK

FAULT

ESTHER

Esther Creek

Kennedy River

Contours in metres

0 100 200 300 400 500

Metres

GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,935

NATIONWIDE GOLD MINES CORP.

SURFACE FEATURES

DRAWN BY R. T. HENNEBERRY | SCALE 1:5000

DATE JULY 1987 | FIGURE 4

LEGEND

● 100 - 500 ppm

Grizzly Bear

Cinnamon Bear

Black Bear

Ironside

Mine

Creek

River

Kennedy

GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,935

Contours in Metres

0 50 100 150 200 250
Metres

NATIONWIDE GOLD MINES CORPORATION

CAPTAIN HOOK

Cu SOIL GEOCHEMISTRY (ppm)

DRAWN BY: R.T. Hemeberry	SCALE: 1:2500
DATE: July, 1987	
	FIGURE 6d

LEGEND

● 100 - 500 ppm

Grizzly Bear

Cinnamon Bear

Black Bear

Ironside

Mine

Creek

Julius

Kennedy River

GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,935

Contours in Metres

0 50 100 150 200 250
Metres

NATIONWIDE GOLD MINES CORPORATION

CAPTAIN HOOK

Zn SOIL GEOCHEMISTRY (ppm)

DRAWN BY: R.T. Henneberry	SCALE: 1:2500
DATE: July, 1987	
	FIGURE 6e

LEGEND

● > 10 %

● 8.5 - 9.9 %

● 7.5 - 8.4 %

GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,935

Contours in Metres

0 50 100 150 200 250
Metres

NATIONWIDE GOLD MINES CORPORATION	
CAPTAIN HOOK	
Fe SOIL GEOCHEMISTRY (%)	
DRAWN BY: R.T. Henneberry	SCALE: 1:2500
DATE: July, 1987	
	FIGURE 6f

N

Grizzly Bear

Cinnamon Bear

Black Bear

Ironside

Creek

Kennedy River

LEGEND

Contours

> 20

15 - 20

10 - 15

Transmitter station : Seattle

GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,935

NATIONWIDE GOLD MINES CORPORATION

CAPTAIN HOOK

FRASER FILTERED VLF DIPS

DRAWN BY: RT Hennebery | SCALE: 1:2500

DATE: July, 1987

FIGURE 6g

LEGEND

- > 10 %
- 8.5 - 9.9 %
- 7.0 - 8.4 %

Contour Interval 10 metres

N

Alberni - Tofino Highway

Augustus Creek

Olympic Creek

Julius Creek

KENNEDY RIVER

BL

0 100 200 300 Meters

GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,935

NATIONWIDE GOLD MINES CORP

TITANIC PROJECT

Fe SOIL GEOCHEMISTRY (%)

DRAWN BY: R.T. Henneberry	SCALE: 1:2500
DATE: JUNE 1987	
	FIGURE 5f

LEGEND

△ > 100

△ 60 - 99

△ 25 - 59

△ < 25

Contour Interval 10 metres

N

Alberni - Tofino Highway

Augustus Creek

Olympic Creek

Julius Creek

KENNEDY RIVER

BL

10 W 9 W 8 W 7 W 6 W 5 W 4 W 3 W 2 W 1 W 0 W

800 N 700 N 600 N 500 N 400 N 300 N 200 N 100 N BL 100 S 200 S 300 S 400 S 500 S

0 100 200 300 Meters

GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,935

NATIONWIDE GOLD MINES CORP

TITANIC PROJECT

Au SILT GEOCHEMISTRY (ppb)

DRAWN BY: R.T. Henneberry	SCALE: 1:2500
DATE: JUNE 1987	FIGURE 5a

LEGEND

Contours

> 20

15 - 20

10 - 15

5 - 10

Transmitter station: Seattle

Contour Interval 10 metres

N

Albernı - Tofino Highway

KENNEDY RIVER

Augustus Creek

Olympic Creek

Julius Creek

10 W 9 W 8 W 7 W 6 W 5 W 4 W 3 W 2 W 1 W 0 W

800 N 700 N 600 N 500 N 400 N 300 N 200 N 100 N BL 100 S 200 S 300 S 400 S 500 S

0 100 200 300

Meters

GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,935

NATIONWIDE GOLD MINES CORP

TITANIC PROJECT

FRASER FILTERED VLF DIPS

DRAWN BY: R.T. Henneberry

DATE: JUNE 1987

SCALE: 1:2500

FIGURE 5h

LEGEND

> 100 ppb

60 - 99 ppb

25 - 59 ppb

GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,935

Contours in Metres

0 50 100 150 200 250
Metres

NATIONWIDE GOLD MINES CORPORATION

CAPTAIN HOOK

Au SOIL GEOCHEMISTRY (ppb)

DRAWN BY: R.T. Hennebery

DATE: July, 1987

SCALE: 1: 2500

FIGURE 6a