MAP NO: 106D/4	**ASSESSMENT REPORT:** X	**DOCUMENT NO:** 093237
	PROSPECTUS:	**MINING DISTRICT:** Mayo
	CONFIDENTIAL: X	**TYPE OF WORK:** Geological, Geochemical
	OPEN FILE:	

REPORT FILED UNDER: HRC Development Corporation

DATE PERFORMED: June 30-July 4, 1994	**DATE FILED:** October 21, 1994
LATITUDE: 64 03	**AREA:** Dublin Gulch
LONGITUDE: 135 33	**VALUE:** $9000

CLAIM NAME AND #: Tag 1-24, 25-40

WORK DONE BY: Aurum Geological Consultants Inc.

WORK DONE FOR: HRC Development Corporation

DATE TO GOOD STANDING	

REMARKS: "Fort Knox" type porphyry gold target. 148 soil samples and 21 rock samples were collected in 1994. The best result, 273 ppb Au, was obtained from an intensly Fe carbonate monzonite altered grab sample containing 5% arsenopyrite, galena and pyrite. A clay altered quartz stockwork in granite subcrop located west of the Gwaihir occurence(Minfile #106D-) returned a value of 263 ppb Au.

Indian and Northern Affairs Canada / Affaires indiennes et du Nord Canada

M.R. file no.	
R.M.M.R. file no.	
Date forwarded	24 Oct. 94

TRANSMITTAL FORM

From ▶ Mining Recorder at: Mayo

To ▶ Regional Manager, Mineral Rights at Whitehorse, Y.T.

For action are:

☐ NEW APPLICATION FOR PLACER LEASE TO PROSPECT	Name:	
☐ RENEWAL APPLICATION PLACER LEASE TO PROSPECT	Name:	Lease no.:
☐ AFFIDAVIT OF EXPENDITURE ON PLACER LEASE	Name:	Lease no.:
☐ SECURITY DEPOSIT		
☐ FINANCIAL ABILITY		
☐ ASSIGNMENT OF PLACER LEASE NO.	From:	To:
☐ GROUPING APPLICATION UNDER SEC. 52(2) PLACER MINING ACT.	Owner:	
☐ DIAMOND DRILL LOGS	Claims:	Claim sheet no.:
☑ QUARTZ ASSESSMENT REPORT	Claims: Tag 1-24, 25-40	Claim sheet no.: 106-D-4
	Type of report: Geological & Geochemical	Submitted by: Aurum Geological Consultants Inc.
	Cls. work performed on:	$ req. for ren. application: $9000.00

Please return one copy of numbered report and a Index card for our files. Thank you.

Signature: [signature] Graham

OFFICE OF THE REGIONAL MANAGER MINERAL RIGHTS OCT 27 1994 WHITEHORSE YUKON TERRITORY

Date returned:

REPLY ACTION

Signature

802-37 (7-88)

REPORT ON THE 1994 GEOLOGICAL AND GEOCHEMICAL ASSESSMENT WORK ON THE TAG PROPERTY

Mayo Mining District, Yukon
(June 30-July 04, 1994)

Claims: Tag 1-24 (YB19366-389)
Tag 25-40 (YB22327-342)

Location:
1. 55 km NE of Mayo, Yukon
2. NTS 106 D/4
3. Latitude: 64° 03'N
   Longitude: 135° 33'W

For: **HRC DEVELOPMENT CORPORATION**
1920-1055 West Hastings Street
Vancouver, B.C.,
V6E 2E9

By: R. Allan Doherty, P.Geo
S. Dudka, B.Sc.,
Aurum Geological Consultants Inc.
205-100 Main Street
P.O. Box 4367
Whitehorse, Yukon
Y1A 3T5

September 12, 1994

SUMMARY

The Tag 1-40 Claims, 100% owned by HRC Development Corporation, consists of 40 contiguous mineral claims located near Dublin Gulch and the Keno Hill Districts, 55 Km northeast of Mayo, Yukon. The property is accessible by air from the town of Mayo.

The property is underlain by Triassic to Jurassic "Lower Schist" and "Keno Hill Quartzite". An equigranular Cretaceous stock intrudes and metamorphoses the schists and quartzite units, and is located in the centre of the claim block.

The recent discovery of intrusive hosted gold deposits at Fort Knox, Alaska and Dublin Gulch, Yukon has highlighted the potential for bulk tonnage low grade Au mineralization associated with W-Sn bearing granites in settings similar to those covered by the Tag 1-40 claims. The 110 km long McQuesten Mineral Belt hosts low grade intrusive hosted gold mineralization associated with Cretaceous stocks including Dublin Gulch, Clear Creek, Scheelite Dome and other less developed occurrences.

Reconnaissance prospecting and sampling has outlined a number of small quartz stockwork zones within the Cretaceous stock on the Tag property and low geochemical anomalies may represent undiscovered intrusive hosted gold mineralization. The majority of the gold anomalies have coincident arsenic highs as well as anomalous tungsten values.

Best results, to date on the property, include 273, 263, 220, and 205 ppb gold in rock. Significant (>95%tile) gold in soil results include 485, 413, 336, 218 ppb gold. Tungsten grades of 0.14% WO_3 across 15.2 metres are reported from trench samples.

Based on these results and the favourable geological setting, a small follow-up program designed to further enhance the known anomalies could be considered for the TAG claims. However, if significantly better results are not achieved the property should be abandoned.

TABLE OF CONTENTS

INTRODUCTION

This report was prepared at the request of Mr. George Norman, Exploration Manager for HRC Development Corporation. Its purpose is to summarize the exploration activities on the TAG 1-40 Claims and to satisfy the reporting and work requirements under the Yukon Quartz Mining Act.

Exploration work consisted of soil sampling, rock sampling, and prospecting. The work was carried out from June 30th to July 4th, 1994 by Steven Dudka, B.Sc., and Conrad Fox of Aurum Geological Consultants Inc. Personnel were transported to the property via Trans North Helicopter's Bell 206 helicopter from Mayo. Some data from previous exploration programs (Doherty 1992, and Doherty and vanRanden 1993) have been included in this report.

LOCATION AND ACCESS

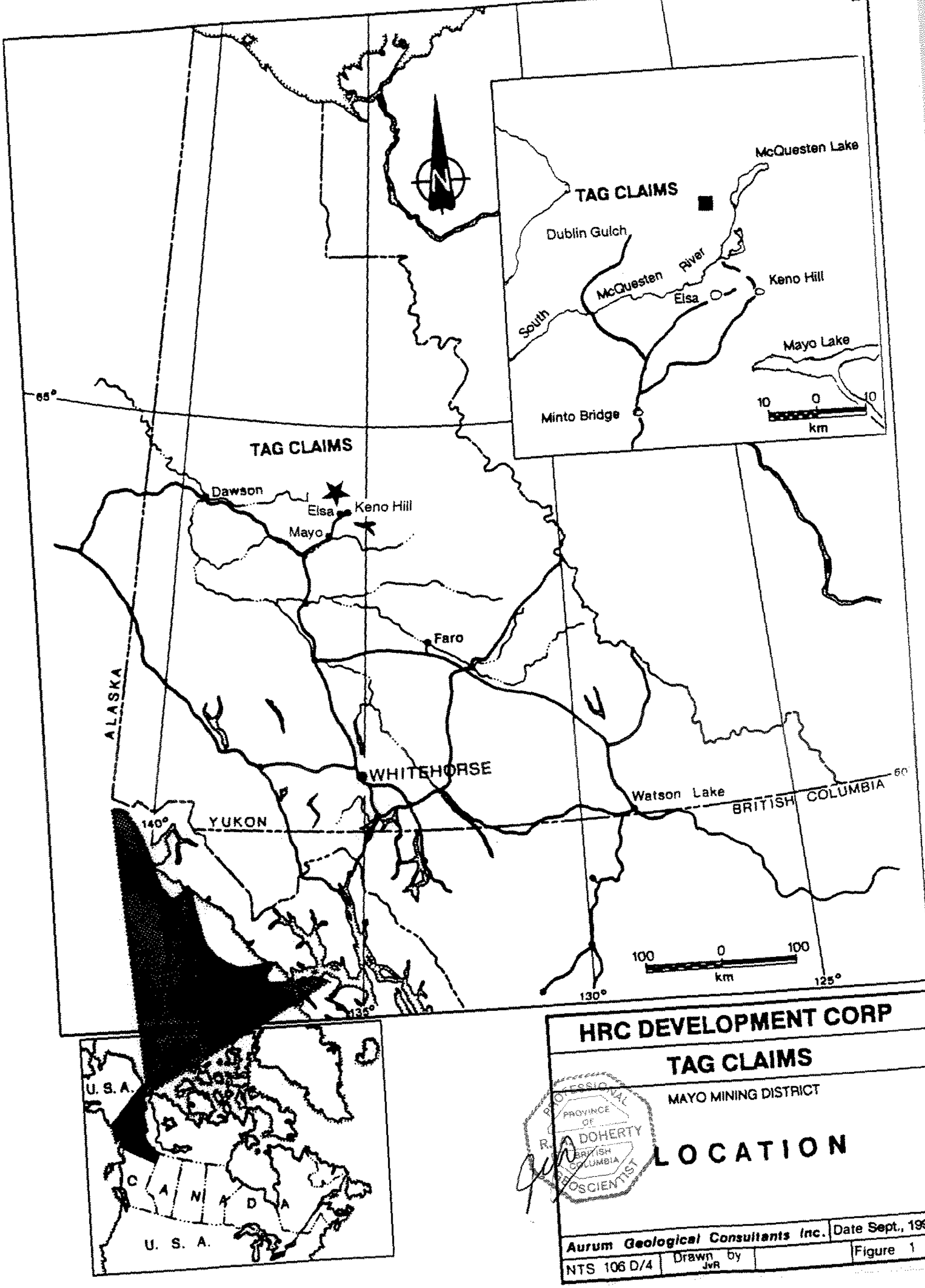
The TAG 1-40 Claims are located approximately 55 km northeast of Mayo, Yukon. More specifically, the claims were staked across a prominent northwest trending ridge at the headwaters of Skate Creek, southeast of Lynx Creek (Figures 1 & 2). The centre of the claim block is located at approximately 64°03'N latitude and 135°33'W longitude, within the 1:50,000 Dublin Gulch map area, NTS 106 D/4.

Access is gained via helicopter from Mayo to the property. Old bulldozer trails lead up to the area from the McQuesten River valley but these have overgrown and are presently not useable. Helicopter landing locations on the property are limited to areas of old trenches and a few small natural meadows.

PHYSIOGRAPHY, CLIMATE AND VEGETATION

The property is located within the Stewart Plateau physiographic region. The area is characterized by moderate relief. Elevations range from 2500 to 5000 feet with forest cover extending to above the 4500 foot level. Outcrop in the area is sparse and confined to ridge tops and steep slopes. Talus and felsenmeer are common and are assumed to reflect underlying bedrock.

The climate in the area is characterized by cool winters and warm summers. Rainfall and thundershowers are common in the summer months. Average annual precipitation is 40 cm. The exploration season extends from late May to late September. Vegetation in the area consists of white spruce, balsam fir, willow, and alder.



HRC DEVELOPMENT CORP

TAG CLAIMS

MAYO MINING DISTRICT

PROFESSIONAL GEOSCIENTIST
PROVINCE OF BRITISH COLUMBIA
R. A. DOHERTY

LOCATION

Aurum Geological Consultants Inc.	Date Sept., 1994
NTS 106 D/4 — Drawn by JvR	Figure 1

PROPERTY

The property consists of 40 contiguous unsurveyed two post quartz claims, staked in accordance with the Yukon Quartz Mining Act (Figure 2), covering approximately 2066 acres (836 ha). The Tag 1-24 claims were staked by Aurum Geological Consultants Inc., on behalf of HRC Development Corporation on August 21, 1991 and recorded at the Mayo Mining Recorders office on August 30, 1991. All Tag 1-24 claim posts were tagged during the property work completed on July 19, 1992. The Tag 25-40 claims, which are contiguous with the Tag 1-24 claims, were staked by Aurum Geological Consultants Inc., on July 1, 1993 and recorded on July 9, 1993. Current claim status is shown on Yukon Quartz Claim Sheet 106D/4. Claim data are listed in Table 1, below.

Table 1

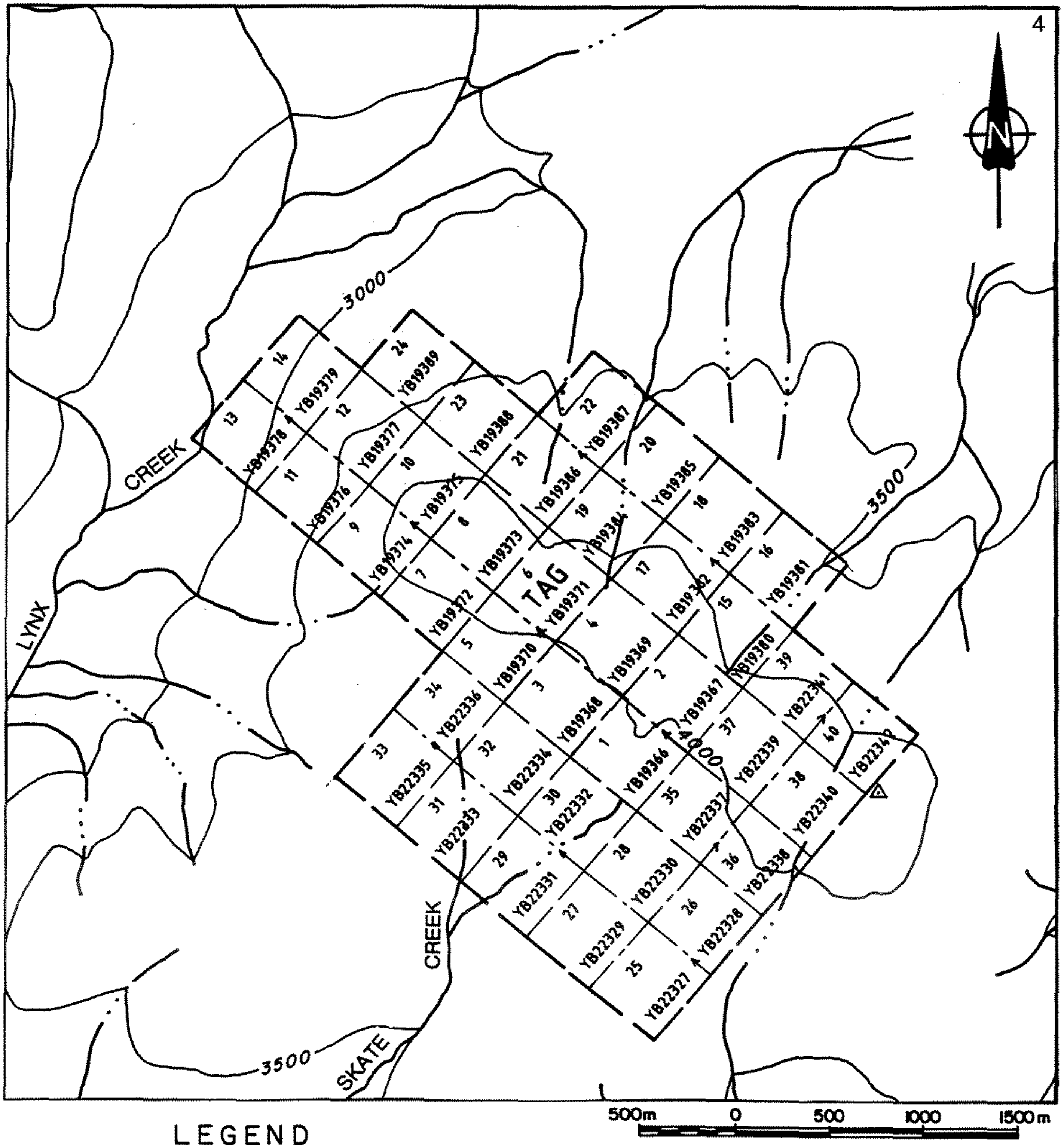
CLAIM NAME	GRANT NUMBER	NUMBER OF CLAIMS	EXPIRY DATE*	MINING DISTRICT
Tag 1-24	YB19366-389	24	Oct 09/96	MAYO
Tag 25-40	YB22327-342	16	Oct 09/96	MAYO

* *subject to approval of 1994 assessment work*

HISTORY

Keno Hill Silver District and Dublin Gulch area, located 20 km east and 12 km west respectfully of the Tag Claims, have a long history of mining activity, dating back to the turn of the century (Yukon Minfile, 1992). Silver mining in the Keno Hill district began in 1906 and the area continues to be a locality of extensive mineral exploration. The Dublin Gulch Property has been explored since the 1898 discovery of rich placer deposits containing gold, scheelite, tin, and platinum. Gold-arsenopyrite-quartz veins have been explored at Dublin Gulch, and Canada Tungsten Mining Corporation has outlined proven and probable reserves of 8,000,000 tonnes at 0.50% WO_3 on Ray Gulch (Abbott, 1992).

The Mayo Mining District has produced a minimum of 20026 crude ounces of placer gold. At least 22% of that total (4513 ounces) were mined from creeks draining the Dublin Gulch property (Placer Mining Section, 1991).



LEGEND

claim boundary
claim number
tag number
4WD trail
creek, lake
5500 elevation contour; interval 500 ft.

Note: adapted from D.I.A.N.D. map sheet

HRC DEVELOPMENT CORP

TAG CLAIMS

MAYO MINING DISTRICT

CLAIM MAP

PROFESSIONAL PROVINCE OF R. A. DOHERTY BRITISH COLUMBIA SCIENTIST

Aurum Geological Consultants Inc.		September 1994	
NTS 105 D/4	DRAWN BY NH	SCALE 1:30,000	FIGURE: 2

The first claims staked on the property, the Bob claims, were staked for the Titan Project (Noranda, Canex, Homestake, Kerr Addison) in 1962. United Keno Hill Mines Ltd., restaked part of the ground as the G & N Claims, in 1965, following the release of regional geochemical data from samples collected during 1964 by the GSC's Operation Keno. The area was staked again as the Erin Claims, in 1969, by United Keno Hill Mines Ltd. and then again as the Hit Claims by Amax of Canada Ltd., in 1979. Tungsten potential was assessed by United Keno Hill Mines Ltd. and later Amax of Canada Ltd. through geological mapping, geochemical sampling, and bulldozer trenching (Yukon Minfile 1992).

Exploration, prior to 1992, was for Ag, Pb, Zn vein mineralization within schist and quartzite at the contact zone of the Cretaceous granitic stock, and for W and minor Cu, Mo, Pb, Zn veins within the stock itself. There is no record of exploration for gold mineralization, and most available analytical results prior to 1992 do not include data for gold.

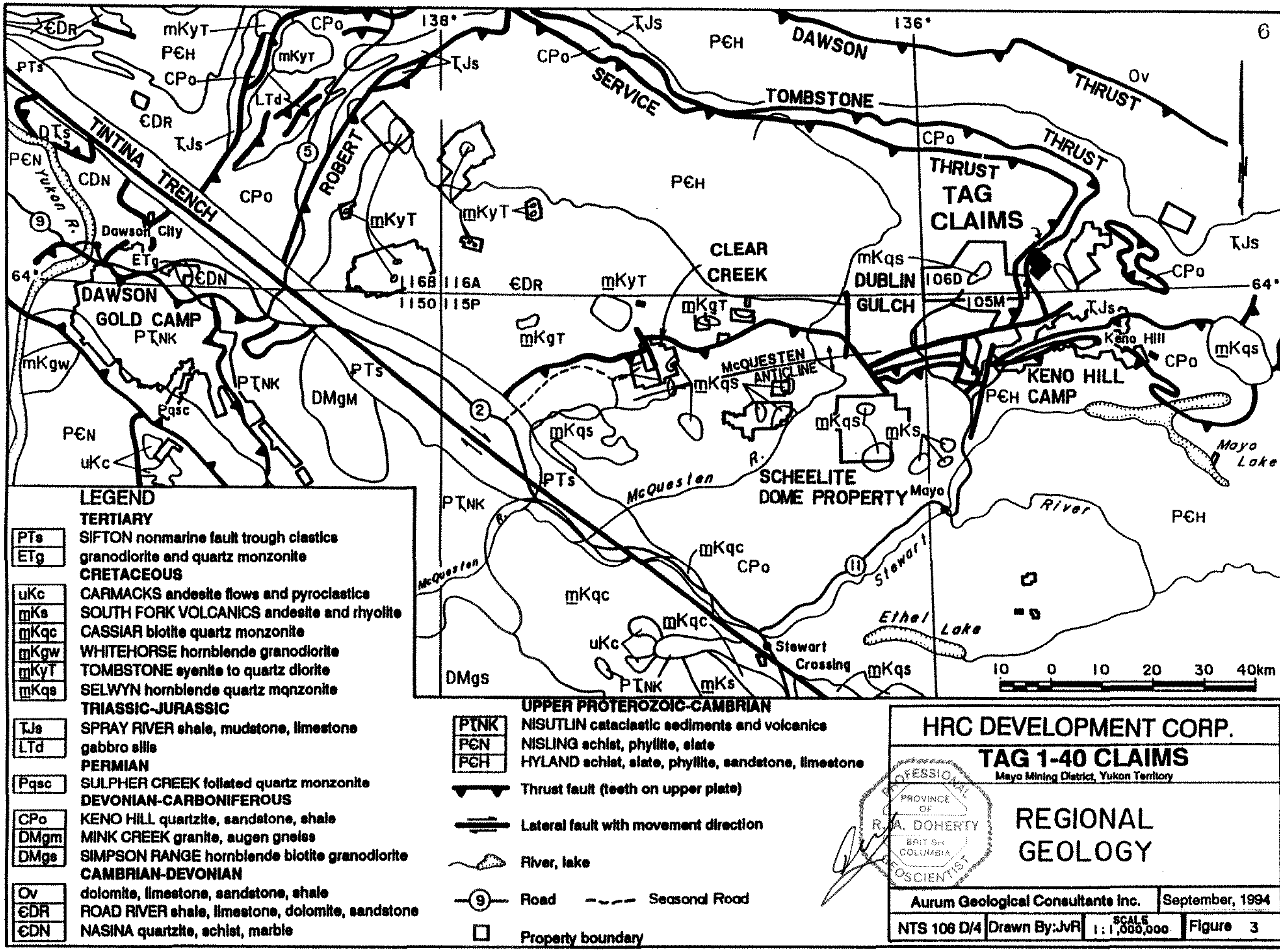
GEOLOGY

Regional Geology

The property is situated within the Selwyn Basin, part of the Ominica Belt (Wheeler and McFeely, 1991). The Selwyn Basin is imperfectly defined (Abbott et al., 1986) and is used here to describe that part of the cordilleran miogeocline comprised of a prism of sedimentary rocks, of Precambrian to Jurassic age, deposited along the western margin of ancient North America. The eastern margin of the basin is marked by the Paleozoic shale - carbonate transition zone while the western margin is defined by the Teslin and Tintina faults or sutures. The sedimentary basin was active from the late Proterozoic to Middle Jurassic (Abbott et al., 1986). Widespread thin mafic volcanic flows, breccias, and tuffs are found throughout the basin. All of the large stratabound, sediment-hosted lead-zinc deposits in the northern Canadian Cordillera are found within the Selwyn Basin.

Sedimentation ceased in the Middle Jurassic in the outer miogeocline with the collision of a Mesozoic island-arc, the Yukon - Tanana Terrane (Tempelman-Kluit, 1979). The Teslin fault or suture is believed to define the boundary between the North American miogeocline and the Yukon - Tanana Terrane. The collision spread eastward with the miogeocline being overthrust by oceanic rocks and the entire package being deformed.

Two suites of granitoid intrusives, ranging from Paleozoic to Cenozoic age, related to underplating and/or subduction are found on both sides of the Tintina fault. Granitoid emplacement peaked during the Early - Middle Cretaceous (Tempelman-Kluit, 1981). The Western Suite granitoid intrusives found west and southwest of the Selwyn Basin are predominantly granodiorite in composition and are associated with porphyry copper -



GEOLOGY MODIFIED AFTER WHEELER & McFEELY, 1991 molybdenum and copper skarn deposits. The Eastern or Selwyn Plutonic Suite of granitoid intrusives are distributed along a northwest trending arcuate belt within the Selwyn Basin. The granitoids, mainly granitic in composition, are associated with tin, tungsten, molybdenum and the current exploration target of "Fort Knox" style porphyry gold mineralization. The Dublin Gulch deposit is hosted by a quartz monzonite pluton of the Selwyn Plutonic Suite.

Property Geology

The property geology of the TAG Claims is shown in Figure 4. The geology has been modified after maps in assessment report # 090560 by Kidlark 1979, prepared for Amax of Canada Ltd, and has been updated with information gathered during the recent property visits. Outcrop exposure is poor and limited to areas of previous trenching efforts, isolated cliffs and talus slopes. Blocky talus and felsenmeer is thought to reflect underlying bedrock geology.

The TAG claims are staked over a Cretaceous equigranular, medium to coarse grained granite to granodiorite stock of the Selwyn Plutonic suite (Map unit Kg). The stock intruded deformed and metamorphosed Triassic to Jurassic "Lower Schist" Unit, which is mapped as two distinct lithologies; schist (Map unit Tsh), and quartzite (Map unit Tqtz). Schistosity in rocks on the property is weakly developed, apparently due to the low ratio of pelitic to quartz-rich sediments deposited in the original Mesozoic basin area. In the northern section of the claim block, a large body of medium to coarse grained gabbro to amphibolite (Map unit Kgb) outcrops. In the southeastern section of the block there are two additional smaller bodies of gabbro/amphibolite. Other small mafic intrusives were mapped just outside the property boundaries. In some exposures the rocks exhibit a strong foliation while in other places they appear to be unfoliated and undeformed.

Foliation in the "Lower Schist" Unit strikes in a northwesterly direction and dips 20° to 40° south. Small scale folds are common in the schist.

The Robert Service and Tombstone thrust faults are located just north of the property (Figure 3). The Tombstone thrust is a regional thrust sheet which places the Mississippian "Keno Hill Quartzite" over the Jurassic and older "Lower Schist" Unit. The Robert Service Thrust places the latest Proterozoic and Early Cambrian Hyland Group over the "Keno Hill Quartzite" (Abbott, 1993).

MINERALIZATION

Regional Metallogeny

The Tag Claims are situated within the McQuesten mineral belt (Aho, 1963) and are located on the northern limb of the east trending McQuesten anticline (Figure 3).

The McQuesten mineral belt is 30-50 km wide and extends from Clear Creek, in the west, to the Mayo area, in the east (Emond 1986). It consists of a major transverse zone of ENE trending folds, Cretaceous felsic intrusions, and mineralization. Similarities in rock type, structure and mineralization throughout the McQuesten belt have led to the conclusion that the area is one metallogenic district (Aho, 1963). Mineralization consists of tin-tungsten and gold, silver-lead-zinc veins, and silver-lead-antimony veins. Mineralization associated with felsic stocks has been found at Clear Creek (Hulstein and Doherty, 1993), Scheelite Dome and Dublin Gulch (Emond, 1986).

Exploration Model

The current exploration target on the Tag 1-40 claims is porphyry gold mineralization similar to that found at the Fort Knox deposit in Fairbanks Alaska, and at the nearby Dublin Gulch property. Alteration associated with this deposit type is generally weak to incipient and can often go unrecognized.

The bulk tonnage low grade Fort Knox gold deposit is genetically related to a porphyritic granitic stock as described by V.F. Hollister in 1991. Gold-bearing fluids deposited economic concentrations of native gold within the granite during and after emplacement of the stock. Mineralization is primarily within stockwork veinlets, veins and shears, although gold also occurs as disseminations within the stock. Total sulphide content at the Fort Knox deposit is less than one percent and consists of scheelite, molybdenite, arsenopyrite, pyrite, and bismuthinite (Hollister, 1991). Sulphide content at the Dublin Gulch property is reported to be relatively higher than that of Fort Knox, but is still less than one percent (Hulstein and Doherty, 1993).

Potassic, phyllic and argillic alteration is locally present within the intrusive and is concentrated in areas of quartz stockwork (Hollister, 1991).

Geochemical surveys, over the now-known Fort Knox deposit, returned bismuth anomalies while tin and arsenic were not found to be anomalous (Hollister, 1991). Gold, tungsten and molybdenum values were erratic and Hollister suggests that the presence of Quaternary deposits, at least in part, mask residual soils which possibly account for the sporadic results. Due to the low-grade scale of the Fort Knox anomalies, optimum soil sample sites are right at bedrock and very minor cover will seriously downgrade the anomalies.

Property Mineralization

The Cretaceous stock within the Tag claims has previously been explored for tungsten mineralization. Scheelite occurs primarily in milky white quartz vein stockwork within the granitic stock. Quartz veining and stockwork appears to be most intense in the trenches in the NW section of the claim group. This locality also corresponds to the largest exposure of granitic rocks in outcrop on the property. Stockwork of similar intensity has not, to date, been observed elsewhere on the property. Amphibole (hornblende) is commonly associated with quartz veining, as crystals on the periphery of the veins, or as distinct veins of amphibole.

At the Gwaihir occurrence, Yukon Minfile #106D 019, manganese staining in the intrusive is locally intense and traces of pyrite, chalcopyrite, covellite, wolframite, molybdenite, galena and sphalerite are present. The Gwaihir occurrence corresponds to the trenches indicated on Figure 4. Tungsten grades are generally less than 0.02% WO_3 and the best trench samples returned 0.14% WO_3 across 15.2 meters (Kidlark, 1979). Trench samples taken by Amax of Canada Limited at that time were not analyzed for gold.

The Erin occurrence, Yukon Minfile # 106D 018, reportedly consists of two small showings, discovered in 1969, at the southeast end of the Tag Claims. One consists of pyrrhotite and arsenopyrite in quartz-carbonate veins; this assayed 13.7 g/t Ag and 0.1% Zn. The second showing consists of calcite, arsenopyrite, quartz, tourmaline, stibnite, pyrite, and pyrrhotite in a crushed fault zone 0.76 meters wide; this assayed 0.1% Pb. There are no gold assays reported, to date, over this zone. This showing could not be located during the recent property work by Aurum Geological Consultants Inc., however, anomalous rock sample JvR93009 and soil sample 8044, containing 205 ppb and 50 ppb gold respectfully, are proximal to the reported location of the showings, (Doherty and vanRanden 1993).

GEOCHEMISTRY

To date, a total of 246 soil samples and 54 rock samples were collected by Aurum Geological Consultants Inc. and Placer Dome Inc. on the property. Of these, 148 soil samples and 21 rock samples were collected in 1994 by Aurum Geological Consultants Inc. All 1994 anomalous geochemical results for gold, arsenic, and tungsten in rocks, and anomalous gold in soils are plotted on the geology map Figure 4. All 1994 geochemical data are presented in Appendix A. Statistical calculations were performed for all geochemical results from 1991-1994.

Many of the samples from previous years were collected in the four old trenches on the property. This year's program again includes a few samples from the trenches however many of the samples were collected from outcrops on ridges and from felsenmeer exposures of the granite throughout the property. The soil samples were collected along NW-SE oriented cross lines and along the NE-SW oriented baseline of a grid established in the southern third of the property, Figure 4. All soil and rock samples taken on the property by Aurum Geological Consultants Inc. were fire assayed for gold and analyzed for 32 elements by ICP methods.

All of the rock sample values for gold, arsenic, and tungsten, and the anomalous results for gold from soil samples collected during the 1994 exploration program are plotted on Figure 4. Anomalous values are those which are greater than or equal to the 95%tile calculated for gold in soil samples. The >95%tile in rock and soil samples collected during the 1991-1994 seasons for gold, arsenic and tungsten are tabulated in Tables 2 and 3 below.

TABLE 2.

GEOCHEMICAL STATISTICS (1991-1994 ROCKS)						
ELEMENT	n	MIN	MAX	STD	MEAN +2STD	>95%TILE
Au (ppb)	54	1	273	56.2	133	70
As (ppm)	54	2	914	131.9	332	229
W (ppm)	54	2	3405	527	1546	807

TABLE 3.

GEOCHEMICAL STATISTICS (1991-1994 SOILS)						
ELEMENT	n	MIN	MAX	STD	MEAN +2STD	>95%TILE
Au (ppb)	246	2	485	53.9	134	101
As (ppm)	246	2	1353	171	435	458
W (ppm)	246	5	75	7.06	23.6	17

The best results obtained during the 1994 reconnaissance sampling was rock samples RSDT-017 which returned 273 ppb gold from a greenstone outcrop located just northeast of the property and RSDT-005 (263 ppb Au in rock) which consisted of a quartz stockwork in clay altered granite subcrop, located west of the Gwaihir occurrence, (Figure 4). Six of the 148 soil samples collected in 1994, are above the 95%tile (101 ppb Au) and the majority of these anomalous samples are located along the south-southeastern margin of the Cretaceous granitic intrusion.

Elevated gold in soil and rock values correlate weakly with higher bismuth results but the small population (n) and lack of variance in bismuth values make correlation difficult. Arsenic appears to correlate more closely with gold (Appendix A), but there are also 'single anomalies for both gold and arsenic.

CONCLUSIONS AND RECOMMENDATIONS

Preliminary geochemical sampling and prospecting on the Tag Claims has produced a few scattered low range anomalies for gold in rock and soils. Previous work on the property, by various companies, has indicated that low grade tungsten mineralization is present in a quartz stockwork zones within the Cretaceous granodiorite intrusion. A few small veins of quartz-carbonate host arsenopyrite, stibnite, pyrite and pyrrhotite but were not relocated during the recent work.

With 'Fort Knox' style mineralization as a target, future work should consist of systematic re-mapping and sampling of all existing quartz stockwork zones within the Cretaceous stock and detailed prospecting over the entire property. Previously reported quartz veins (Erin Occurrence Yukon Minfile # 106D 018) should be located and, where warranted, re-sampled. Areas of poor rock exposure should be explored with reconnaissance auger soil sampling to obtain maximum sample depth.

The property results to date have been less than expected and future work is not recommended at this time.

Respectfully Submitted;

September 12, 1994

R. Allan Doherty, P.Geo.

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STATEMENT OF QUALIFICATIONS (RAD)

I, R. Allan Doherty, hereby certify that:

1. I am a geologist with AURUM GEOLOGICAL CONSULTANTS INC., 205 - 100 Main Street, P.O. Box 4367, Whitehorse, Yukon, Y1A 3T5.

2. I am a graduate of the University of New Brunswick, with a degree in geology (Hons. B.Sc., 1977) and that I attended graduate school at Memorial University of Newfoundland, 1978-80. I have been involved in geological mapping and mineral exploration continuously since then.

3. I am a member of the Association of Professional Engineers and Geoscientists of the Province of British Columbia, Registration No. 20564 and of the CIMM.

4. I am co-author of this report based on information collected during property work completed on July 19, 1992, and with additional data supplied by Placer Dome Inc. from a property review conducted at the same time, and on referenced sources.

5. I have no direct or indirect interest in the properties or securities of HRC Development Corporation.

6. I consent to the use of this report by HRC Development Corp., provided that no portion is used out of context in such a manner as to convey a meaning differing materially from that set out in the whole.

September 12, 1994

R. Allan Doherty, P.Geo.

PROFESSIONAL PROVINCE OF R. A. DOHERTY BRITISH COLUMBIA GEOSCIENTIST

STATEMENT OF COSTS

1994 Assessment Work Valuation; TAG Claims, 106 D/4

Geological and Geochemical

A. Fieldwork

S. Dudka, B.Sc., of Victoria, B.C. June 30-July 4, 1994; 5.0 days @ $300.00/day:	$1500.00
C. Fox, Geological Assistant, of Halifax, N.S. June 30-July 4, 1994; 5.0 day @ $240.00/day:	$1200.00

B. Geochemical Analysis

148 soil samples @ $12.84 ea:	$1900.32
21 rock samples @ $15.92 ea:	$311.64

C. Support Costs

Field Expenses:	$480.00
Helicopter:	$1568.11
Truck rental & Gasoline:	$290.00

D. Research and Report Preparation

A. Doherty, P.Geo. 0.5 days @ $350.00/day:	$175.00
S. Dudka, B.Sc., 2.0 days @ $300.00/day:	$600.00
J. vanRanden, B.Sc., 4.0 days @ $300.00/day:	$1200.00

Goods and Service Tax (@ 7%) on $9,225.07:	$645.75
Total Valuation of 1994 Assessment Work:	**$9,870.82**

APPENDIX A

ANALYTICAL METHODS AND REPORTS

Bondar Clegg
Inchcape Testing Services

Geochemical Lab Report

REPORT: V94-00734.0 (COMPLETE)   REFERENCE:

CLIENT: H.R.C. DEVELOPMENT CORP.   SUBMITTED BY: S. DUDKA
PROJECT: TAG 22   DATE PRINTED: 22-JUL-94

	ELEMENT		NUMBER OF ANALYSES	LOWER DETECTION	EXTRACTION	METHOD
1	Au30	Gold	169	5 PPB	Fire Assay of 30g	ATOMIC ABSORPTION
2	Ag	Silver	174	0.2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
3	Cu	Copper	174	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
4	Pb	Lead	174	2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
5	Zn	Zinc	174	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
6	Mo	Molybdenum	174	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
7	Ni	Nickel	174	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
8	Co	Cobalt	174	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
9	Cd	Cadmium	174	1.0 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
10	Bi	Bismuth	174	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
11	As	Arsenic	174	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
12	Sb	Antimony	174	5 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
13	Fe	Iron	174	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
14	Mn	Manganese	174	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
15	Te	Tellurium	174	10 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
16	Ba	Barium	174	2 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
17	Cr	Chromium	174	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
18	V	Vanadium	174	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
19	Sn	Tin	174	20 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
20	W	Tungsten	174	20 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
21	La	Lanthanum	174	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
22	Al	Aluminum	174	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
23	Mg	Magnesium	174	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
24	Ca	Calcium	174	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
25	Na	Sodium	174	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
26	K	Potassium	174	0.01 PCT	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
27	Sr	Strontium	174	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA
28	Y	Yttrium	174	1 PPM	HCL:HNO3 (3:1)	INDUC. COUP. PLASMA

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
S SOIL	153	1 -80	153	CRUSH/SPLIT & PULV.	21
R ROCK	21	2 -150	21	DRY, SIEVE -80	153

REMARKS: IS indicates Insufficient Sample

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Geochemical Lab Report

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SAMPLE	ELEMENT	Au30	Ag	Cu	Pb	Zn	Mo	Ni	Co	Cd	Bi	As	Sb	Fe	Mn	Te	Ba	Cr	V	Sn	W	La	Al	Mg	Ca	Na	K	Sr	Y
NUMBER	UNITS	PPB	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PCT	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PCT	PCT	PCT	PCT	PCT	PPM	PPM
BL 0		13	<.2	23	23	86	3	19	9	<1.0	<5	27	<5	2.46	225	<10	186	26	40	<20	<20	21	1.49	0.53	0.29	<.01	0.06	21	6
BL 0+50S		13	<.2	23	30	82	5	18	7	<1.0	<5	26	<5	2.33	186	<10	131	26	40	<20	<20	18	1.45	0.49	0.25	<.01	0.06	18	5
BL 1+00S		13	<.2	29	25	83	4	21	8	<1.0	<5	47	<5	2.63	252	<10	163	29	46	<20	<20	18	1.77	0.49	0.25	<.01	0.06	19	6
BL 1+50S		10	<.2	30	28	106	4	22	8	<1.0	<5	44	<5	2.67	251	<10	240	31	47	<20	<20	17	1.70	0.53	0.25	<.01	0.07	20	6
BL 2+00S		28	<.2	60	76	209	7	33	12	<1.0	<5	210	17	3.35	464	<10	315	40	62	<20	<20	22	2.11	0.72	0.50	0.02	0.12	28	11
BL 2+50S		12	<.2	31	53	139	5	24	8	1.0	<5	90	5	2.94	164	<10	260	32	51	<20	<20	19	1.98	0.53	0.32	<.01	0.07	22	7
BL 3+00S		<5	<.2	19	24	92	2	14	5	<1.0	<5	26	<5	2.30	156	<10	113	21	36	<20	<20	14	1.13	0.32	0.19	<.01	0.05	14	4
BL 3+50S		11	<.2	21	29	79	4	16	6	<1.0	<5	53	6	2.43	188	<10	134	24	42	<20	<20	18	1.36	0.37	0.19	<.01	0.05	15	5
BL 4+00S		<5	<.2	24	34	132	5	22	6	<1.0	<5	107	7	2.65	170	<10	259	31	45	<20	<20	14	1.58	0.47	0.22	<.01	0.06	18	5
BL 0+50N		10	<.2	17	15	77	3	15	6	<1.0	<5	25	<5	2.12	156	<10	150	23	36	<20	<20	15	1.27	0.37	0.23	<.01	0.04	17	5
BL 1+00N		12	<.2	26	40	132	6	23	7	<1.0	<5	77	6	2.67	215	<10	220	29	43	<20	<20	14	1.92	0.45	0.35	<.01	0.07	23	5
BL 1+50N		30	0.2	33	82	223	6	27	10	<1.0	<5	207	14	3.56	433	<10	194	37	59	<20	<20	16	2.34	0.57	0.20	<.01	0.12	17	5
BL 2+00N		14	<.2	31	24	109	7	23	8	<1.0	<5	57	<5	2.59	271	<10	313	28	45	<20	<20	21	1.56	0.54	0.37	0.01	0.06	25	8
BL 2+50N		18	<.2	35	33	122	4	22	8	<1.0	<5	71	7	2.50	271	<10	233	29	45	<20	<20	21	1.40	0.53	0.39	0.01	0.07	25	8
BL 3+00N		<5	<.2	23	18	93	2	18	7	<1.0	<5	36	<5	2.44	172	<10	172	24	42	<20	<20	16	1.42	0.43	0.26	<.01	0.05	19	5
BL 3+50N		<5	<.2	25	19	75	3	17	7	<1.0	<5	51	<5	2.90	245	<10	169	27	48	<20	<20	20	1.65	0.45	0.22	<.01	0.06	18	5
BL 4+00N		29	<.2	28	18	89	3	23	9	<1.0	<5	137	<5	2.85	258	<10	168	27	44	<20	<20	18	1.62	0.49	0.27	<.01	0.06	20	5
BL 4+50N		81	<.2	28	16	81	3	21	8	<1.0	<5	242	<5	2.89	255	<10	282	28	49	<20	<20	23	1.70	0.49	0.29	<.01	0.07	23	7
BL 5+00N		27	<.2	34	13	80	4	22	9	<1.0	<5	167	<5	2.73	294	<10	236	24	40	<20	<20	23	1.46	0.50	0.25	<.01	0.07	19	7
BL 5+50N		101	<.2	24	15	77	<1	20	8	<1.0	<5	208	<5	2.66	223	<10	266	30	49	<20	<20	19	1.68	0.46	0.23	0.01	0.06	20	5
BL 6+00N		65	<.2	29	16	93	<1	24	9	<1.0	<5	458	<5	2.84	342	<10	221	26	43	<20	<20	24	1.52	0.49	0.29	0.01	0.07	24	6
BL 6+50N		98	<.2	22	29	119	<1	21	11	<1.0	<5	1353	6	3.16	526	<10	253	32	46	<20	<20	22	1.87	0.42	0.48	0.01	0.07	40	6
BL 7+00N		218	<.2	28	20	94	<1	22	9	<1.0	6	1012	9	2.74	383	<10	206	25	39	<20	<20	26	1.41	0.49	0.31	0.01	0.07	25	8
BL 7+50N		194	<.2	22	29	82	<1	19	7	<1.0	8	924	9	2.78	198	<10	136	27	44	<20	<20	22	1.57	0.44	0.23	0.01	0.06	19	5
BL 8+00N		81	<.2	29	25	106	<1	23	11	<1.0	<5	526	5	3.03	438	<10	177	29	47	<20	<20	21	1.75	0.51	0.25	0.01	0.07	21	6
BL 8+50N		36	<.2	10	43	65	<1	10	4	<1.0	<5	273	<5	2.06	95	<10	109	24	40	<20	<20	13	1.39	0.29	0.14	<.01	0.05	14	3
BL 9+00N		19	<.2	22	150	190	<1	20	10	<1.0	<5	194	7	2.70	376	<10	130	28	44	<20	<20	18	1.69	0.48	0.24	0.01	0.07	18	5
BL 9+50N		14	<.2	27	90	116	<1	21	15	<1.0	<5	244	7	2.88	746	<10	86	31	50	<20	<20	17	1.48	0.48	0.25	<.01	0.07	17	5
BL 10+00N		78	<.2	21	94	105	<1	17	6	<1.0	<5	462	20	2.56	173	<10	107	30	48	<20	<20	19	1.59	0.46	0.19	<.01	0.06	15	5
BL 10+50N		78	<.2	13	21	90	<1	12	4	<1.0	<5	222	5	2.25	126	<10	123	23	43	<20	<20	17	1.40	0.32	0.13	<.01	0.05	15	3

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SAMPLE NUMBER (ELEMENT / UNITS)	Au30 PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM
BL 11+00N	41	<.2	19	46	97	<1	14	5	<1.0	<5	141	<5	2.43	164	<10	278	21	34	<20	<20	49	1.93	0.26	0.20	0.01	0.05	26	12
BL 11+50N	20	<.2	15	57	91	<1	16	6	<1.0	<5	193	<5	2.53	158	<10	135	24	43	<20	<20	19	1.54	0.41	0.21	<.01	0.05	18	4
BL 12+00N	17	<.2	32	20	96	<1	24	10	<1.0	<5	34	<5	2.65	274	<10	143	25	40	<20	<20	22	1.48	0.48	0.23	0.01	0.06	18	6
L2S 0+50E	IS	<.2	26	27	132	2	17	19	<1.0	<5	7	<5	3.15	4564	<10	270	11	31	<20	<20	12	1.87	0.19	0.19	0.02	0.17	21	4
L2S 1+00E	7	<.2	27	41	101	<1	20	5	<1.0	<5	52	5	2.38	147	<10	134	29	45	<20	<20	17	1.47	0.45	0.22	0.01	0.07	17	5
L2S 1+50E	9	<.2	36	34	98	<1	24	13	<1.0	<5	32	<5	2.55	415	<10	141	32	48	<20	<20	21	1.64	0.52	0.27	0.01	0.07	18	7
L2S 2+00E	11	<.2	43	31	115	<1	26	9	<1.0	<5	28	5	2.88	251	<10	148	41	64	<20	<20	20	2.15	0.61	0.20	0.01	0.07	16	7
L2S 2+50E	12	<.2	19	19	67	3	15	5	<1.0	<5	14	<5	2.52	138	<10	124	28	52	<20	<20	17	1.56	0.36	0.17	0.01	0.06	16	4
L2S 3+00E	6	<.2	27	13	79	3	21	10	<1.0	<5	8	<5	2.61	312	<10	122	24	40	<20	<20	18	1.47	0.43	0.18	0.01	0.06	14	5
L2S 3+50E	6	<.2	40	25	96	4	26	12	<1.0	<5	18	<5	2.76	425	<10	229	31	49	<20	<20	22	1.70	0.53	0.25	0.01	0.08	22	9
L2S 0+50W	18	<.2	26	53	141	5	20	7	<1.0	<5	65	6	2.38	214	<10	152	29	50	<20	<20	15	1.69	0.42	0.20	0.01	0.07	17	4
L2S 1+00W	14	<.2	44	46	146	5	26	11	<1.0	<5	71	9	2.67	375	<10	305	34	54	<20	<20	23	1.87	0.59	0.33	0.02	0.09	23	9
L2S 1+50W	32	<.2	32	74	146	5	21	9	<1.0	<5	90	9	2.53	314	<10	200	30	46	<20	<20	22	1.65	0.50	0.27	0.02	0.08	20	7
L2S 2+00W	20	<.2	19	72	133	4	16	5	<1.0	<5	90	9	2.68	155	<10	113	31	47	<20	<20	16	1.73	0.40	0.17	0.01	0.07	14	4
L2S 2+50W	31	<.2	26	62	112	3	17	9	1.0	<5	131	11	2.46	345	<10	151	30	48	<20	25	23	1.76	0.42	0.20	0.01	0.10	17	7
L2S 3+00W	IS	<.2	26	21	105	4	20	11	<1.0	<5	7	<5	2.74	953	<10	246	13	37	<20	<20	10	3.24	0.25	0.22	0.02	0.09	19	6
L2S 3+50W	12	<.2	26	15	67	3	21	8	<1.0	<5	16	<5	2.68	241	<10	108	28	44	<20	<20	17	1.51	0.42	0.18	0.01	0.06	15	5
L4S 0+50E	34	<.2	26	44	145	6	22	9	<1.0	<5	93	8	2.02	187	<10	351	34	52	<20	<20	18	1.96	0.51	0.43	0.02	0.08	30	7
L4S 1+00E	61	<.2	66	47	171	8	39	13	<1.0	<5	108	8	3.24	450	<10	219	43	64	<20	<20	22	2.05	0.68	0.55	0.03	0.17	30	11
L4S 1+50E	112	<.2	19	22	52	4	11	3	<1.0	<5	6	<5	1.89	114	<10	119	27	44	<20	<20	15	1.41	0.25	0.14	0.01	0.06	14	4
L4S 2+00E	21	<.2	55	26	123	5	32	11	<1.0	<5	18	<5	3.00	363	<10	309	39	63	<20	<20	22	2.07	0.62	0.32	0.02	0.11	27	10
L4S 2+50E	28	<.2	71	34	134	5	42	14	<1.0	<5	27	<5	3.25	532	<10	612	43	68	<20	<20	21	2.22	0.68	0.43	0.02	0.11	31	11
L4S 3+00E	34	<.2	28	16	79	3	21	10	<1.0	<5	10	<5	2.59	363	<10	188	25	42	<20	<20	22	1.42	0.44	0.21	0.01	0.06	17	7
L4S 3+50E	13	<.2	31	20	89	3	22	9	<1.0	<5	18	<5	2.71	322	<10	169	28	47	<20	<20	21	1.54	0.45	0.20	0.01	0.06	16	6
L4S 4+00E	12	<.2	31	20	95	5	22	10	<1.0	<5	16	<5	2.42	325	<10	304	30	47	<20	<20	19	1.56	0.47	0.36	0.02	0.06	24	7
L4S 0+50W	56	<.2	28	33	100	4	20	7	<1.0	<5	45	8	2.19	234	<10	235	27	42	<20	<20	20	1.39	0.43	0.28	0.01	0.06	20	7
L4S 1+00W	20	<.2	30	44	125	5	21	7	<1.0	<5	55	<5	2.46	273	<10	206	30	48	<20	<20	21	1.65	0.50	0.29	0.01	0.06	21	7
L4S 1+50W	20	<.2	14	25	64	2	13	4	<1.0	<5	17	<5	2.05	108	<10	88	23	43	<20	<20	14	1.18	0.30	0.15	<.01	0.05	12	3
L4S 2+00W	20	<.2	39	76	179	4	26	12	<1.0	<5	137	12	2.72	450	<10	255	32	51	<20	<20	25	1.68	0.58	0.33	0.01	0.09	24	11
L4S 2+50W	17	<.2	16	37	67	4	11	5	<1.0	<5	75	<5	2.32	155	<10	114	31	58	<20	<20	18	1.80	0.36	0.15	0.01	0.06	13	4

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SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM
L4S 3+00W		14	<.2	39	37	110	5	28	12	<1.0	<5	42	5	2.84	422	<10	303	32	51	<20	<20	21	1.80	0.58	0.27	0.01	0.07	22	10
L4S 3+50W		15	<.2	25	14	75	<1	27	12	<1.0	<5	<5	<5	2.85	2218	<10	331	13	39	<20	<20	12	3.62	0.23	0.11	0.02	0.08	18	7
L2N 0+50E		20	<.2	31	42	119	5	23	10	<1.0	<5	80	<5	2.58	296	<10	147	30	48	<20	<20	19	1.63	0.52	0.23	0.01	0.06	17	6
L2N 1+00E		12	<.2	18	22	76	3	15	5	<1.0	<5	44	<5	2.00	129	<10	124	24	40	<20	<20	15	1.25	0.40	0.25	<.01	0.04	17	4
L2N 1+50E		26	<.2	19	21	107	9	19	9	<1.0	<5	477	5	4.23	330	<10	273	26	44	<20	<20	14	1.63	0.43	0.41	0.01	0.05	26	6
L2N 2+00E		8	<.2	16	19	114	9	20	12	<1.0	<5	138	<5	3.29	1811	<10	261	26	40	<20	<20	14	1.54	0.43	0.41	0.01	0.05	23	5
L2N 2+50E		18	<.2	41	17	94	3	28	11	<1.0	<5	27	<5	2.60	364	<10	207	38	53	<20	<20	19	1.87	0.67	0.31	0.01	0.08	17	7
L2N 3+00E		96	<.2	45	15	90	4	28	11	<1.0	<5	11	<5	2.78	408	<10	314	34	53	<20	<20	24	1.65	0.59	0.28	0.01	0.07	21	11
L2N 3+50E		16	<.2	16	14	74	2	14	5	<1.0	<5	<5	<5	2.25	137	<10	107	24	41	<20	<20	15	1.21	0.35	0.17	0.01	0.06	13	4
L2N 4+00E		20	<.2	17	14	55	2	13	4	<1.0	<5	7	<5	1.82	101	<10	144	21	34	<20	<20	12	1.21	0.30	0.41	0.01	0.04	22	3
L2N 0+50W		30	<.2	31	65	162	7	20	9	<1.0	<5	115	10	2.07	228	<10	178	28	41	<20	<20	21	1.24	0.44	0.46	0.02	0.07	27	8
L2N 1+00W		72	<.2	41	77	189	6	26	13	1.6	<5	184	16	2.95	280	<10	319	32	53	<20	21	21	1.67	0.50	0.47	0.02	0.07	32	9
L2N 1+50W		77	<.2	26	41	147	5	25	11	<1.0	<5	151	9	2.21	157	<10	292	29	42	<20	<20	21	1.85	0.48	0.35	0.01	0.06	26	7
L2N 2+00W		<5	<.2	21	30	129	3	21	11	<1.0	<5	230	5	2.02	149	<10	262	24	36	<20	<20	18	1.60	0.44	0.46	0.01	0.06	30	7
L2N 2+50W		336	<.2	31	17	93	10	24	12	1.1	<5	521	7	2.90	295	<10	335	28	47	<20	<20	18	1.62	0.37	0.41	0.01	0.05	29	9
L2N 3+00W		9	<.2	26	16	98	8	21	10	<1.0	<5	108	<5	2.37	214	<10	289	28	41	<20	<20	20	1.59	0.47	0.43	0.02	0.06	34	7
L2N 3+50W		51	<.2	27	15	117	13	25	15	<1.0	<5	563	5	3.63	873	<10	270	32	48	<20	<20	20	1.81	0.49	0.65	0.02	0.06	42	8
L4N 0+50E		12	<.2	18	13	68	3	14	5	<1.0	<5	54	<5	2.32	117	<10	106	23	42	<20	<20	13	1.20	0.34	0.21	<.01	0.05	17	3
L4N 1+00E		11	<.2	15	14	48	1	12	4	<1.0	<5	22	<5	2.15	107	<10	100	24	43	<20	<20	14	1.35	0.32	0.14	<.01	0.04	12	3
L4N 1+50E		11	<.2	13	13	47	3	11	4	<1.0	<5	9	<5	2.40	95	<10	94	27	51	<20	<20	15	1.51	0.32	0.13	<.01	0.05	12	3
L4N 2+00E		12	<.2	17	15	56	1	14	5	<1.0	<5	31	<5	2.20	137	<10	107	23	41	<20	<20	13	1.42	0.34	0.14	<.01	0.05	12	3
L4N 2+50E		16	<.2	19	26	88	6	19	9	<1.0	<5	143	<5	2.42	447	<10	205	27	43	<20	<20	16	1.61	0.44	0.28	0.01	0.05	18	5
L4N 3+00E		59	<.2	24	15	104	9	21	11	<1.0	<5	84	<5	2.88	448	<10	186	31	48	<20	<20	12	1.91	0.47	0.18	0.01	0.05	14	4
L4N 3+50E		413	<.2	27	17	114	14	24	15	1.2	<5	527	<5	3.52	786	<10	266	31	47	<20	21	20	1.80	0.48	0.63	0.02	0.06	41	8
L4N 4+00E		102	<.2	23	15	67	3	17	7	1.2	<5	9	<5	2.53	197	<10	164	25	45	<20	<20	13	1.62	0.39	0.19	0.01	0.05	15	5
L4N 4+50E		29	<.2	33	14	87	4	24	10	<1.0	<5	12	<5	2.73	221	<10	158	27	43	<20	<20	18	1.53	0.46	0.27	0.01	0.05	18	5
L4N 5+00E		11	<.2	15	13	72	3	15	6	<1.0	<5	11	<5	2.36	216	<10	95	26	46	<20	<20	14	1.36	0.41	0.14	0.01	0.05	12	3
L4N 0+50W		124	<.2	19	25	98	5	19	9	<1.0	<5	356	6	2.43	190	<10	209	25	41	<20	<20	16	1.55	0.40	0.23	0.01	0.05	19	5
L4N 1+00W		26	<.2	23	17	111	7	22	11	<1.0	<5	362	6	2.80	670	<10	214	30	45	<20	<20	17	1.84	0.52	0.38	0.01	0.06	26	6
L4N 1+50W		7	<.2	16	10	53	2	14	4	<1.0	<5	25	<5	2.08	132	<10	131	21	37	<20	<20	12	1.14	0.33	0.22	<.01	0.04	17	3

Bondar Clegg
Inchcape Testing Services

Geochemical Lab Report

REPORT: V94-00734.0 (COMPLETE)

DATE PRINTED: 22-JUL-94
PROJECT: TAG 22

SAMPLE NUMBER / ELEMENT UNITS	Au30 PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM
L4N 2+00W	8	<.2	21	12	75	3	18	7	<1.0	<5	65	<5	2.58	278	<10	241	26	45	<20	<20	13	1.43	0.39	0.27	0.01	0.06	19	4
L4N 2+50W	13	<.2	30	12	72	3	21	8	1.1	<5	54	<5	2.66	230	<10	190	32	50	<20	<20	17	1.64	0.52	0.29	0.01	0.07	20	6
L4N 3+00W	10	<.2	34	11	84	7	24	12	<1.0	<5	35	<5	2.66	603	<10	268	30	46	<20	<20	13	1.67	0.52	0.54	0.02	0.07	37	5
L4N 3+50W	IS	<.2	25	39	213	1	16	15	1.4	<5	7	<5	2.99	1949	<10	192	13	35	<20	<20	15	1.83	0.31	0.38	0.02	0.15	21	7
L4N 4+00W	13	<.2	50	8	100	5	32	14	1.1	<5	54	<5	2.91	427	<10	297	50	68	<20	21	22	2.08	0.91	0.59	0.04	0.17	32	11
L6N 0+50E	55	<.2	24	15	82	4	22	8	<1.0	<5	415	<5	2.62	267	<10	186	27	42	<20	<20	19	1.52	0.45	0.28	0.01	0.06	22	5
L6N 1+00E	17	<.2	48	18	87	3	30	12	<1.0	<5	129	<5	2.85	341	<10	245	31	48	<20	<20	19	1.76	0.49	0.36	0.02	0.06	24	8
L6N 1+50E	<5	<.2	13	15	54	3	12	6	<1.0	<5	9	<5	3.13	185	<10	98	27	57	<20	<20	13	1.73	0.32	0.08	<.01	0.03	9	2
L6N 2+00E	<5	<.2	18	10	41	3	9	3	<1.0	<5	35	<5	1.99	84	<10	93	17	60	<20	<20	12	1.05	0.12	0.08	<.01	0.03	9	2
L6N 2+50E	26	<.2	25	13	81	2	22	9	<1.0	<5	300	<5	2.60	309	<10	205	25	44	<20	<20	18	1.51	0.45	0.23	0.01	0.07	19	5
L6N 3+00E	11	<.2	17	16	85	8	19	9	<1.0	<5	149	<5	2.46	346	<10	147	29	44	<20	<20	15	1.56	0.45	0.19	0.01	0.05	14	4
L6N 3+50E	8	<.2	27	11	79	7	23	9	<1.0	<5	21	<5	2.64	279	<10	194	31	49	<20	<20	20	1.64	0.55	0.26	0.01	0.05	17	6
L6N 4+00E	9	<.2	16	13	55	3	14	5	<1.0	<5	14	<5	2.07	142	<10	109	26	44	<20	<20	15	1.36	0.38	0.16	<.01	0.04	12	3
L6N 4+50E	15	<.2	20	13	66	4	19	6	<1.0	<5	6	<5	2.26	167	<10	137	25	41	<20	<20	16	1.27	0.44	0.24	0.01	0.05	16	5
L6N 5+00E	9	<.2	9	15	47	5	10	4	<1.0	<5	18	<5	3.10	162	<10	61	23	66	<20	<20	13	1.32	0.26	0.07	<.01	0.03	8	2
L6N 0+50W	10	<.2	14	17	76	4	16	7	<1.0	<5	88	<5	2.50	311	<10	128	24	42	<20	<20	14	1.28	0.39	0.15	<.01	0.05	14	3
L6N 1+00W	10	<.2	22	15	77	4	22	10	<1.0	<5	34	<5	2.92	331	<10	98	26	40	<20	<20	15	1.35	0.46	0.17	<.01	0.05	14	5
L6N 1+50W	11	<.2	18	16	72	4	18	8	<1.0	<5	36	<5	2.90	278	<10	147	29	51	<20	<20	16	1.72	0.48	0.16	<.01	0.05	15	4
L6N 2+00W	30	<.2	33	12	73	4	27	10	<1.0	<5	131	<5	2.54	251	<10	201	39	54	<20	<20	13	1.76	0.71	0.30	0.02	0.08	20	5
L6N 2+50W	485	<.2	34	11	62	3	23	8	<1.0	<5	20	<5	2.38	150	<10	117	30	51	<20	<20	10	1.54	0.40	0.16	0.02	0.05	14	2
L6N 3+50W	IS	<.2	29	26	144	3	24	14	<1.0	<5	14	<5	3.06	1164	<10	200	11	36	<20	<20	13	2.57	0.21	0.11	0.01	0.10	11	4
L6N 4+00W	16	<.2	13	20	65	4	14	6	<1.0	<5	80	<5	2.35	138	<10	192	24	43	<20	<20	14	1.45	0.38	0.16	<.01	0.04	21	3
L8N 0+50E	87	<.2	19	10	62	4	16	6	<1.0	<5	254	<5	2.40	165	<10	127	24	39	<20	<20	18	1.42	0.39	0.21	<.01	0.05	16	4
L8N 1+00E	166	<.2	13	14	58	5	14	6	<1.0	<5	492	<5	2.74	172	<10	120	24	43	<20	<20	16	1.42	0.38	0.13	<.01	0.04	13	3
L8N 1+50E	99	<.2	10	15	48	3	7	3	<1.0	5	386	<5	1.92	108	<10	62	16	38	<20	<20	13	0.97	0.17	0.07	<.01	0.04	9	2
L8N 2+00E	54	<.2	12	16	59	3	11	5	<1.0	<5	645	<5	2.06	136	<10	178	19	36	<20	<20	15	1.21	0.22	0.14	<.01	0.04	18	3
L8N 2+50E	24	<.2	15	16	57	3	15	6	<1.0	<5	421	<5	2.55	155	<10	134	24	43	<20	<20	17	1.47	0.40	0.14	<.01	0.05	13	4
L8N 3+00E	58	<.2	30	69	132	5	22	10	<1.0	<5	821	7	3.04	327	<10	201	28	45	<20	<20	25	1.76	0.50	0.19	0.01	0.07	18	7
L8N 3+50E	<5	<.2	20	13	69	4	18	6	<1.0	<5	22	<5	2.34	208	<10	119	30	49	<20	<20	16	1.41	0.40	0.16	<.01	0.05	13	4
L8N 4+00E	12	<.2	19	14	74	5	18	6	<1.0	<5	13	<5	2.53	207	<10	128	31	50	<20	<20	13	1.48	0.47	0.12	<.01	0.05	11	3

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SAMPLE NUMBER	ELEMENT / UNITS	Au30 PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM
L8N 4+50E		9	<.2	21	18	75	6	18	7	<1.0	<5	15	<5	2.58	250	<10	130	31	52	<20	<20	17	1.63	0.54	0.18	0.01	0.09	15	5
L8N 0+50W		127	<.2	31	129	130	4	19	10	<1.0	<5	408	33	2.55	326	<10	141	26	41	<20	<20	20	1.45	0.47	0.21	0.01	0.06	18	5
L8N 1+00W		26	<.2	16	40	95	5	16	10	<1.0	<5	164	7	2.68	502	<10	104	26	41	<20	<20	15	1.42	0.39	0.13	<.01	0.05	12	3
L8N 1+50W		9	<.2	13	13	66	5	15	6	<1.0	<5	21	<5	2.65	187	<10	95	27	45	<20	<20	17	1.58	0.41	0.12	<.01	0.04	12	3
L8N 2+00W		79	<.2	18	14	65	4	16	6	<1.0	<5	23	<5	2.48	159	<10	99	24	40	<20	<20	16	1.53	0.41	0.13	<.01	0.04	12	4
L8N 2+50W		<5	<.2	17	17	77	3	18	8	<1.0	<5	8	<5	2.88	257	<10	90	28	44	<20	<20	15	1.50	0.44	0.14	<.01	0.05	13	4
L8N 3+00W		7	<.2	30	16	91	4	24	12	<1.0	<5	9	<5	3.00	453	<10	184	27	43	<20	<20	20	1.55	0.49	0.18	<.01	0.05	17	6
L8N 3+50W		6	<.2	19	11	61	6	16	8	<1.0	<5	9	<5	2.55	261	<10	146	26	45	<20	<20	19	1.52	0.45	0.18	0.01	0.07	16	5
L8N 4+00W		<5	<.2	20	14	68	5	14	8	<1.0	<5	18	<5	3.06	249	<10	90	25	54	<20	<20	14	1.53	0.39	0.09	0.01	0.10	12	3
L8N 4+50W		16	<.2	22	16	66	2	18	9	<1.0	<5	15	<5	2.82	297	<10	148	24	42	<20	<20	24	1.59	0.46	0.19	0.01	0.06	16	5
L8N 5+00W		6	<.2	18	13	67	6	19	8	<1.0	<5	69	<5	2.61	198	<10	260	26	43	<20	<20	21	1.58	0.44	0.30	<.01	0.05	29	5
L8N 5+50W		12	<.2	13	10	64	4	12	4	<1.0	<5	15	<5	1.95	118	<10	120	19	35	<20	<20	16	1.11	0.30	0.11	<.01	0.04	14	3
L8N 6+00W		7	<.2	22	18	72	3	18	8	<1.0	<5	6	<5	2.77	228	<10	142	26	45	<20	<20	24	1.67	0.52	0.19	0.01	0.07	16	6
L8N 6+50W		9	<.2	26	16	73	3	22	11	<1.0	<5	6	<5	2.85	411	<10	226	28	47	<20	<20	23	1.70	0.49	0.17	0.01	0.05	17	8
L8N 7+00W		11	<.2	22	15	67	4	19	8	<1.0	<5	88	<5	2.75	246	<10	125	25	42	<20	<20	20	1.71	0.48	0.19	<.01	0.07	16	5
L12N 0+50E		130	<.2	19	38	103	4	19	7	<1.0	<5	207	<5	2.98	256	<10	123	28	48	<20	26	21	1.57	0.49	0.20	0.01	0.06	16	5
L12N 1+00E		52	<.2	29	36	111	5	22	10	<1.0	<5	267	6	2.74	298	<10	227	34	53	<20	<20	24	1.86	0.64	0.26	0.01	0.09	23	8
L12N 1+50E		9	<.2	12	19	65	4	12	4	<1.0	<5	25	<5	2.93	136	<10	57	25	61	<20	<20	14	1.19	0.30	0.06	<.01	0.03	7	2
L12N 2+00E		14	<.2	23	60	169	5	19	7	<1.0	<5	66	7	2.48	183	<10	112	35	50	<20	<20	16	1.85	0.59	0.19	0.01	0.05	15	4
L12N 2+50E		13	<.2	27	12	67	4	18	7	<1.0	<5	<5	<5	2.54	175	<10	96	27	43	<20	<20	18	1.40	0.41	0.17	<.01	0.04	13	5
L12N 3+00E		6	<.2	15	12	64	4	14	4	<1.0	<5	<5	<5	2.07	127	<10	130	23	40	<20	<20	14	1.24	0.31	0.13	<.01	0.03	11	4
L12N 0+50W		8	<.2	7	21	38	5	8	3	<1.0	<5	22	<5	2.22	83	<10	77	23	52	<20	<20	17	1.29	0.24	0.08	<.01	0.03	9	3
L12N 1+00W		9	<.2	24	16	76	3	21	9	<1.0	<5	21	<5	2.78	290	<10	148	26	44	<20	<20	23	1.56	0.49	0.19	<.01	0.05	16	6
L12N 1+50W		12	<.2	23	13	70	4	21	7	1.2	<5	24	<5	2.47	132	<10	124	27	41	<20	<20	18	1.69	0.46	0.16	<.01	0.04	13	6
L12N 2+00W		8	<.2	25	10	63	3	21	8	<1.0	<5	11	<5	2.39	266	<10	129	23	38	<20	<20	18	1.47	0.44	0.21	<.01	0.05	16	6
L12N 2+50W		29	<.2	14	12	56	3	15	5	<1.0	<5	9	<5	2.18	124	<10	105	23	38	<20	<20	15	1.30	0.37	0.16	<.01	0.04	14	3
L12N 3+00W		10	<.2	22	12	75	4	20	10	<1.0	<5	11	<5	2.63	334	<10	144	26	42	<20	<20	20	1.59	0.47	0.21	<.01	0.05	16	5
L12N 3+50W		10	<.2	18	11	60	3	17	7	<1.0	<5	14	<5	2.52	187	<10	135	23	41	<20	<20	19	1.48	0.38	0.22	<.01	0.05	20	5
L12N 4+00W		14	<.2	15	11	64	3	15	6	<1.0	<5	11	<5	2.27	157	<10	129	21	40	<20	75	19	1.34	0.35	0.15	<.01	0.05	16	4
L12N 4+50W		12	<.2	15	11	56	4	15	6	<1.0	<5	9	<5	2.19	128	<10	167	23	46	<20	29	16	1.47	0.41	0.16	<.01	0.04	19	4

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L12N 5+00W		10	<.2	18	12	64	4	17	8	<1.0	<5	28	<5	2.75	225	<10	127	27	44	<20	<20	18	1.99	0.49	0.14	<.01	0.06	16	4
L12N 5+50W		24	<.2	16	14	62	4	16	7	<1.0	<5	75	<5	2.65	208	<10	125	24	42	<20	<20	16	1.50	0.44	0.16	0.01	0.06	19	4
L12N 6+00W		18	<.2	18	13	61	4	16	6	<1.0	<5	42	<5	2.68	169	<10	102	22	51	<20	<20	14	1.35	0.39	0.13	<.01	0.06	16	3
RSDT 001		20	<.2	6	7	18	14	5	3	<1.0	<5	12	<5	0.88	160	<10	87	116	13	<20	535	27	0.67	0.36	1.51	0.07	0.05	65	5
RSDT 002		6	<.2	7	3	11	8	13	1	<1.0	<5	49	<5	0.69	178	<10	114	145	2	<20	112	21	0.39	0.03	0.40	0.06	0.14	14	5
RSDT 003		8	<.2	8	4	10	3	5	3	<1.0	<5	5	<5	0.60	94	<10	66	163	11	<20	447	30	0.62	0.30	0.79	0.10	0.03	54	4
RSDT 004		<5	<.2	30	4	9	6	20	5	<1.0	<5	8	<5	1.09	135	<10	147	188	26	<20	25	11	1.32	0.07	1.15	0.09	0.05	75	13
RSDT 005		263	0.4	25	14	23	9	18	7	<1.0	<5	18	<5	3.47	167	<10	69	157	14	<20	1060	19	0.79	0.35	1.64	0.07	0.11	59	4
RSDT 006		<5	<.2	13	12	51	6	6	4	<1.0	<5	52	8	2.73	394	<10	157	105	3	<20	<20	21	0.61	0.24	1.56	0.03	0.33	52	6
RSDT 007		6	<.2	5	4	7	9	5	2	<1.0	<5	19	6	0.61	243	<10	43	225	3	<20	197	14	0.24	0.05	1.45	0.03	0.05	45	4
RSDT 008		<5	<.2	5	80	114	7	9	5	<1.0	<5	23	<5	2.22	382	<10	144	171	4	<20	<20	46	0.63	0.04	0.21	0.04	0.32	14	9
RSDT 009		<5	<.2	5	4	7	8	5	1	<1.0	<5	<5	<5	0.67	72	<10	45	201	7	<20	769	16	0.39	0.18	0.39	0.05	0.07	28	3
RSDT 010		7	<.2	6	3	7	6	10	2	<1.0	<5	<5	<5	0.46	63	<10	23	214	6	<20	<20	15	0.36	0.14	0.27	0.06	0.01	35	2
RSDT 011		<5	<.2	8	4	11	13	5	2	<1.0	<5	<5	<5	0.80	93	<10	74	209	10	<20	807	19	0.56	0.26	0.45	0.08	0.08	53	3
RSDT 012		<5	<.2	6	3	6	12	10	2	<1.0	<5	<5	<5	0.52	72	<10	65	236	5	<20	124	8	0.27	0.12	0.17	0.05	0.05	58	2
RSDT 013		<5	<.2	4	<2	3	6	5	<1	<1.0	<5	13	<5	0.35	62	<10	10	283	2	<20	163	3	0.09	0.04	0.09	0.02	<.01	11	<1
RSDT 014		<5	<.2	4	<2	17	5	9	1	<1.0	<5	<5	<5	0.49	68	<10	55	207	4	<20	340	8	0.27	0.13	0.12	0.03	0.03	15	2
RSDT 015		18	<.2	274	7	118	6	<1	18	<1.0	<5	15	<5	5.76	722	<10	325	72	2	<20	<20	15	1.95	0.37	2.72	0.20	0.58	18	46
RSDT 016		<5	<.2	10	58	301	6	11	1	1.6	<5	229	14	1.76	1436	<10	92	253	2	<20	336	7	0.13	0.02	0.50	0.02	0.05	29	3
RSDT 017		273	<.2	37	9	183	7	61	40	<1.0	<5	123	<5	7.22	1338	<10	131	41	17	<20	<20	35	0.67	0.33	1.35	0.11	0.03	88	17
RSDT 018		<5	<.2	6	3	9	5	12	2	<1.0	<5	<5	<5	0.66	66	<10	82	239	5	<20	197	14	0.34	0.12	0.19	0.05	0.06	29	3
RSDT 019		<5	<.2	5	<2	5	6	7	1	<1.0	<5	<5	<5	0.52	73	<10	9	316	2	<20	172	<1	0.04	0.01	0.08	0.01	<.01	6	<1
RSDT 020		<5	<.2	4	3	5	17	12	<1	<1.0	<5	16	<5	0.47	61	<10	31	327	2	<20	178	6	0.15	0.02	0.08	0.03	0.06	10	<1
RSDT 021		<5	<.2	5	<2	3	5	7	<1	<1.0	<5	<5	<5	0.45	43	<10	5	418	1	<20	23	<1	<.01	<.01	0.02	<.01	<.01	4	<1

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STANDARD NAME	ELEMENT UNITS	Au30 PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM
ANALYTICAL BLANK		<5	<.2	<1	<2	<1	<1	<1	<1	<1.0	<5	<5	<5	<.01	<1	<10	<2	<1	<1	<20	<20	<1	<.01	<.01	<.01	<.01	<.01	<1	<1
ANALYTICAL BLANK		<5	<.2	<1	<2	<1	<1	<1	<1	<1.0	<5	<5	<5	<.01	<1	<10	<2	<1	<1	<20	<20	<1	<.01	<.01	<.01	<.01	<.01	<1	<1
ANALYTICAL BLANK		-	<.2	<1	<2	<1	<1	<1	<1	<1.0	<5	<5	<5	<.01	<1	<10	<2	<1	<1	<20	<20	<1	<.01	<.01	<.01	<.01	<.01	<1	<1
ANALYTICAL BLANK		-	<.2	<1	<2	<1	<1	<1	<1	<1.0	<5	<5	<5	<.01	<1	<10	<2	<1	<1	<20	<20	<1	<.01	<.01	<.01	<.01	<.01	<1	<1
ANALYTICAL BLANK		-	<.2	<1	<2	<1	<1	<1	<1	<1.0	<5	<5	<5	<.01	<1	<10	<2	<1	<1	<20	<20	<1	<.01	<.01	<.01	<.01	<.01	<1	<1
Number of Analyses		2	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
Mean Value		3	0.1	0.5	1	0.5	0.5	0.5	0.5	0.5	3	3	3	.005	0.5	5	1	0.5	0.5	10	10	0.5	.005	.005	.005	.005	.005	0.5	0.5
Standard Deviation		<1	<.1	<1	<1	<1	<1	<1	<1	<0.1	<1	<1	<1	<.01	<1	<1	<1	<1	<1	<1	<1	<1	<.01	<.01	<.01	<.01	<.01	<1	<1
Accepted Value		5	0.2	1	2	1	1	1	1	0.5	5	5	5	0.01	1	5	2	1	1	20	20	1	0.01	0.01	0.01	0.01	0.01	1	1
BCC GEOCHEM STD 3		-	4.8	840	229	475	521	524	39	2.6	<5	296	45	4.81	666	<10	220	152	31	<20	<20	6	5.04	4.72	5.01	0.34	0.19	77	4
BCC GEOCHEM STD 3		-	4.9	808	218	481	532	525	39	2.5	<5	297	42	4.71	711	<10	206	149	29	<20	<20	6	4.87	4.73	5.09	0.29	0.17	75	4
Number of Analyses		4	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Mean Value		-	4.9	824	224	478	527	525	39	2.6	3	297	44	4.76	689	5	213	151	30	10	10	6	4.96	4.73	5.05	0.32	0.18	76	4
Standard Deviation		-	.07	23	8	4	8	0.7	<1	0.07	<1	0.7	2	0.07	31	31	10	2	1	1	1	1	0.12	.007	0.06	0.04	0.01	2	.01
Accepted Value		-	5.0	820	250	500	600	600	40	2.0	4	320	50	5.00	850	0.2	220	150	34	16	8	6	5.10	4.90	5.13	0.30	0.20	78	6
HIGH GOLD STANDARD		512	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HIGH GOLD STANDARD		505	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Number of Analyses		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Mean Value		509	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Standard Deviation		5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM
BL 2+00S		28	<.2	60	76	209	7	33	12	<1.0	<5	210	17	3.35	464	<10	315	40	62	<20	<20	22	2.11	0.72	0.50	0.02	0.12	28	11
Duplicate		24	<.2	61	81	219	6	34	13	<1.0	<5	219	13	3.23	482	<10	325	42	64	<20	<20	23	2.10	0.68	0.52	0.02	0.12	29	12
BL 6+50N		98	<.2	22	29	119	<1	21	11	<1.0	<5	1353	6	3.16	526	<10	253	32	46	<20	<20	22	1.87	0.42	0.48	0.01	0.07	40	6
Duplicate			<.2	22	29	119	<1	21	11	<1.0	<5	1354	7	3.15	534	<10	257	32	46	<20	<20	22	1.89	0.42	0.48	0.01	0.07	40	6
L2S 1+00W		14	<.2	44	46	146	5	26	11	<1.0	<5	71	9	2.67	375	<10	305	34	54	<20	<20	23	1.87	0.59	0.33	0.02	0.09	23	9
Duplicate			<.2	42	49	146	5	27	11	<1.0	<5	74	8	2.70	384	<10	299	34	54	<20	<20	22	1.81	0.59	0.33	0.02	0.07	22	9
L4S 2+00E		21	<.2	55	26	123	5	32	11	<1.0	<5	18	<5	3.00	363	<10	309	39	63	<20	<20	22	2.07	0.62	0.32	0.02	0.11	27	10
Duplicate		20																											
L4S 2+00W		20	<.2	39	76	179	4	26	12	<1.0	<5	137	12	2.72	450	<10	255	32	51	<20	<20	25	1.68	0.58	0.33	0.01	0.09	24	11
Duplicate			<.2	41	72	182	4	27	12	<1.0	<5	138	12	2.74	446	<10	259	32	51	<20	<20	25	1.70	0.59	0.33	0.01	0.09	25	11
L2N 2+00W		<5	<.2	21	30	129	3	21	11	<1.0	<5	230	5	2.02	149	<10	262	24	36	<20	<20	18	1.60	0.44	0.46	0.01	0.06	30	7
Duplicate		<5																											
L4N 1+00E		11	<.2	15	14	48	1	12	4	<1.0	<5	22	<5	2.15	107	<10	100	24	43	<20	<20	14	1.35	0.32	0.14	<.01	0.04	12	3
Duplicate			<.2	15	15	48	2	11	4	<1.0	<5	25	<5	2.12	106	<10	98	23	43	<20	<20	15	1.31	0.31	0.14	<.01	0.04	11	3
L6N 0+50E		55	<.2	24	15	82	4	22	8	<1.0	<5	415	<5	2.62	267	<10	186	27	42	<20	<20	19	1.52	0.45	0.28	0.01	0.06	22	5
Duplicate			<.2	25	13	84	5	21	8	<1.0	<5	422	<5	2.59	264	<10	187	26	41	<20	<20	18	1.52	0.45	0.27	0.01	0.06	22	5
L6N 1+00E		17	<.2	48	18	87	3	30	12	<1.0	<5	129	<5	2.85	341	<10	245	31	48	<20	<20	19	1.76	0.49	0.36	0.02	0.06	24	8
Duplicate		32																											
L8N 2+00E		54	<.2	12	16	59	3	11	5	<1.0	<5	645	<5	2.06	136	<10	178	19	36	<20	<20	15	1.21	0.22	0.14	<.01	0.04	18	3
Duplicate			0.2	12	17	59	3	11	5	<1.0	<5	631	<5	2.08	136	<10	172	19	35	<20	<20	14	1.19	0.23	0.14	<.01	0.03	17	3
L8N 4+00E		12	<.2	19	14	74	5	18	6	<1.0	<5	13	<5	2.53	207	<10	128	31	50	<20	<20	13	1.48	0.47	0.12	<.01	0.05	11	3
Duplicate		6																											
L8N 6+00W		7	<.2	22	18	72	3	18	8	<1.0	<5	6	<5	2.77	228	<10	142	26	45	<20	<20	24	1.67	0.52	0.19	0.01	0.07	16	6
Duplicate			<.2	23	18	75	4	19	8	<1.0	<5	7	<5	2.85	232	<10	147	27	46	<20	<20	25	1.73	0.54	0.20	0.01	0.07	17	6

Bondar-Clegg
Inchcape Testing Services

Lab Report

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM
L12N 1+00W		9	<.2	24	16	76	3	21	9	<1.0	<5	21	<5	2.78	290	<10	148	26	44	<20	<20	23	1.56	0.49	0.19	<.01	0.05	16	6
Duplicate		12																											
L12N 6+00W		18	<.2	18	13	61	4	16	6	<1.0	<5	42	<5	2.68	169	<10	102	22	51	<20	<20	14	1.35	0.39	0.13	<.01	0.06	16	3
Duplicate			<.2	18	13	62	4	16	6	<1.0	<5	40	<5	2.75	170	<10	98	23	51	<20	<20	13	1.32	0.39	0.12	<.01	0.05	15	3
RSDT 013		<5	<.2	4	<2	3	6	5	<1	<1.0	<5	13	<5	0.35	62	<10	10	283	2	<20	163	3	0.09	0.04	0.09	0.02	<.01	11	<1
Duplicate		<5																											
RSDT 017		273	<.2	37	9	183	7	61	40	<1.0	<5	123	<5	7.22	1338	<10	131	41	17	<20	<20	35	0.67	0.33	1.35	0.11	0.03	88	17
Duplicate			<.2	38	7	181	6	59	40	1.4	<5	120	<5	7.20	1323	<10	131	41	17	<20	<20	35	0.66	0.32	1.29	0.11	0.03	87	17

Bondar Clegg
Inchcape Testing Services

Geochemical Lab Report

REPORT: V94-00734.0 (COMPLETE)

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PROJECT: TAG 22

STANDARD NAME	ELEMENT UNITS Au30 PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM
LOW AU STANDARD	19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LOW AU STANDARD	17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Number of Analyses	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Mean Value	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Standard Deviation	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value	17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BCC GEOCHEM STD 5	-	0.4	96	10	74	3	39	20	<1.0	<5	7	<5	4.69	674	<10	215	53	122	<20	<20	7	3.12	1.81	1.10	0.06	0.33	42	7
BCC GEOCHEM STD 5	-	0.5	94	11	74	4	39	19	<1.0	<5	9	5	4.75	694	<10	196	53	117	<20	<20	6	3.06	1.83	1.10	0.05	0.28	37	7
Number of Analyses	7	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Mean Value	-	0.5	95	11	74	4	39	20	0.5	3	8	4	4.72	684	5	205	53	120	10	10	7	3.09	1.82	1.10	0.06	0.31	39	7
Standard Deviation	-	.07	1	0.6	0.2	0.7	<1	0.7	<0.1	<1	1	2	0.04	14	14	13	13	4	4	4	0.7	0.04	0.01	<.01	.007	0.04	3	0.2
Accepted Value	-	0.7	90	11	80	2	36	18	0.1	1	8	1	4.74	720	0.2	200	54	133	2	1	5	3.09	1.83	1.08	0.06	0.32	39	9
BCC GOLD STD 90-3	827	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BCC GOLD STD 90-3	787	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Number of Analyses	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Mean Value	807	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Standard Deviation	28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value	765	69	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

STANDARD NAME	ELEMENT UNITS	Au30 PPB	Ag PPM	Cu PPM	Pb PPM	Zn PPM	Mo PPM	Ni PPM	Co PPM	Cd PPM	Bi PPM	As PPM	Sb PPM	Fe PCT	Mn PPM	Te PPM	Ba PPM	Cr PPM	V PPM	Sn PPM	W PPM	La PPM	Al PCT	Mg PCT	Ca PCT	Na PCT	K PCT	Sr PPM	Y PPM
BCC GEOCHEM STD 4		-	0.4	291	31	229	5	42	9	<1.0	<5	26	<5	2.64	522	<10	63	74	7	<20	<20	4	0.79	1.17	1.74	0.05	0.14	41	3
Number of Analyses		3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Mean Value		-	0.4	291	31	229	5	42	9	0.5	3	26	3	2.64	522	5	63	74	7	10	10	4	0.79	1.17	1.74	0.05	0.14	41	3
Standard Deviation		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accepted Value		-	0.5	290	33	255	4	42	9	0.8	2	30	0.5	2.40	600	0.2	55	80	9	1	1	4	0.77	1.34	1.43	0.04	0.14	39	4

APPENDIX B

ROCK SAMPLE DESCRIPTIONS

ROCK SAMPLE LOCATION AND DESCRIPTION RECORD

AURUM GEOLOGICAL CONSULTANTS INC.

Date:September, 1994 Project: #22(Tag Property) Area:Lynx Creek

SAMPLE NO.	LOCATION	DESCRIPTION	TYPE	WIDTH
RSDT-001	See Map	F. to m. grained K-syenite, 5% locally chlor. mafics	Grab	/
RSDT-002	"	Equigranular syenite, few 0.5-1.0 cm qtz stringers	Grab	/
RSDT-003	"	Qtz vein stockwork, minor chloritized hornblende	Grab	/
RSDT-004	"	Qtz veining in quartzite, open boxwork, no sx seen	Grab	/
RSDT-005	"	K-altered & clay altered granite, qtz stockwork	Grab	/
RSDT-006	"	Similar to #005,no qtz veining	Grab	/
RSDT-007	"	Granite with clay altered shear zone, qtz stkwk	Grab	/
RSDT-008	"	Fe stained granite with qtz-carb stringers	Grab	/
RSDT-009	"	Weakly clay altered granite with qtz stockwork	Grab	/
RSDT-010	"	Granodiorite with qtz veins, minor scheelite?	Grab	/
RSDT-011	"	Granite with qtz- amphibole veins, biotite rich	Grab	/
RSDT-012	"	Same as #011, 4 milky qtz veins, chloritized hrnblde	Grab	/
RSDT-013	"	Open space filling qtz veins in granite, no mafics	Grab	/
RSDT-014	"	Granite with 5cm Qtz stringers	Grab	/
RSDT-015	"	Mafic dyke, (amphibolite?), Pyrrhotite and pyrite	Grab	/
RSDT-016	"	Qtz veining in carbonate altered granite	Grab	/
RSDT-017	See Map	Intense Fe carbonate altered monzonite, 5% apy, gn,py	Grab	/

ROCK SAMPLE LOCATION AND DESCRIPTION RECORD **AURUM GEOLOGICAL CONSULTANTS INC.**

Date:September, 1994 **Project: #22(Tag Property)** **Area:Lynx Creek**

SAMPLE NO.	LOCATION	DESCRIPTION	TYPE	WIDTH
RSDT-018	See Map	Granite/ metased contact with qtz stringers	Grab	/
RSDT-019	"	Granite with 3 qtz veins	Grab	/
RSDT-020	"	Medium grained granite with qtz stringers	Grab	/
RSDT-021	See Map	Granite with numerous qtz stringers,in felsenmeer	Grab	/

LEGEND

Lithology
Cretaceous

Kg	aplite/leucoratic granite and minor granodiorite
Kgn	greenstone

Jurassic

Jsh	schist
Jqtz	quartzite

Symbols

- geologic contact (approximate, assumed)
- elevation contour (interval 100ft)
- trench
- approximate claim group perimeter
- cat trail
- 485 1994 grid soil locations, ppb Au

Geochemistry

- 1994 rock sample location
- RSDT-017; 273, 123, 220 Sample No.\Au(ppb), As (ppm), W (ppm)

Yukon Minfile Occurrences:
approximate locations

- ★ Erin (106 D/4 018)
- ☆ Gwaihir (106 D/4 019)

093237

DWG 1

Scale 1:10,000

100m 0 100 200 300 400 500 600 700 800 900m

HRC DEVELOPMENT CORPORATION

TAG 1-40 CLAIMS
MAYO MINING DISTRICT, Yukon Territory

PROFESSIONAL PROVINCE OF R. A. DOHERTY BRITISH COLUMBIA SCIENTIST

**GEOLOGY
AND
GEOCHEMISTRY**

Aurum Geological Consultants Inc.	Sept 1994

NTS 106D/4	Scale 1:10000	Drawn By: SD/JvR	Figure 4