

LOG NO: DEC 11 1991 RD.
ACTION:
FILE NO:

GEOCHEMICAL REPORT

GOLDBAR GROUP

Skeena Mining Division

NTS: 104A/4W
Latitude: 56° 02' N
Longitude: 129° 55' W

Owner/Operator:

Tenajon Resources Corp.
860 - 625 Howe Street
Vancouver, B.C. V6C 2T6

SUB-RECORDER
RECEIVED
DEC - 2 1991
M.R. #..... \$.....
VANCOUVER, B.C.

Report By:

Fred G. Hewett, P.Eng.
November 20, 1991

TJS91-410

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

21,909

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cc: Javorsky

1.0 INTRODUCTION

The Goldbar property occurs within the Stewart gold camp, approximately 13 km northwest of Lac Bond's Red Mountain gold discovery. The claims are underlain by Hazelton Group volcanics and sediments that have been intruded by augite diorite. Previous exploration has located two mineralized quartz veins, one containing Au and the other W, Au and Ag. To the west of the property, near Highway 37, sheared diorite has been shown to contain narrow chalcopyrite filled shears that contain significant Ag.

Two days representing five man-days were spent, between September 8 and 9, 1991, evaluating the property. A total of 11 rock chip, two soil samples and one silt sample were taken during the program. The work was hampered by severe topographic and climactic conditions.

2.0 LOCATION AND ACCESS (Figures 1 & 2)

The Goldbar property is located 11 km north-northeast of Stewart, B.C. being centred at 129°55'W, 56°02'N on NTS sheet 104A/4W.

Access to the property is in part by road, along Highway 37 from Stewart to Bitter Creek, then in part by four-wheel drive road along Bitter Creek for 500 m.

3.0 PHYSIOGRAPHY, VEGETATION AND CLIMATE

The topography of the claim is typical of the Stewart area being extremely rugged with elevations ranging from 80 m at the valley floor to in excess of 900 m. Bitter Creek flows northwestward through the centre of the property.

The valley floor and mountain sides are covered by spruce, fir and hemlock.

The weather is typical of the northern Coast Mountains with heavy snowfalls occurring in the winter while the summers tend to be cool and wet.

4.0 CLAIM STATUS (Figure 3)

The Goldbar group is comprised of the following:

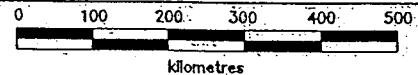
Claim	Units	Record #	Expiry Date
Goldbar	15	5000	October 11, 1992
Goldbar West	2	8084	October 13, 1992

The Goldbar claims were optioned to Tenajon Resources Corp. by David Javorsky of Stewart, B.C.



ENAJON RESOURCES

**GOLDBAR PROPERTY
LOCATION MAP**

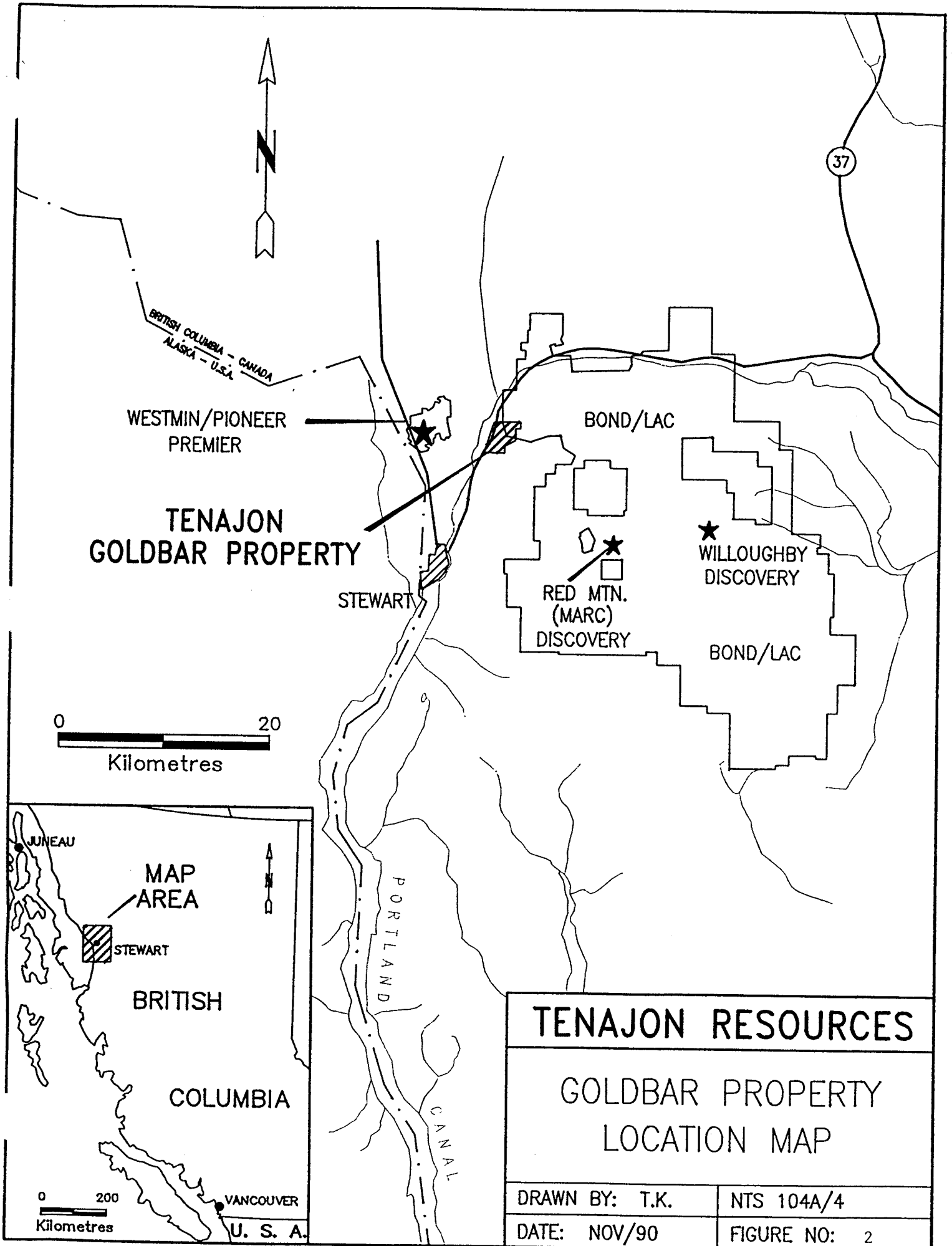


DRAWN BY: T.K.

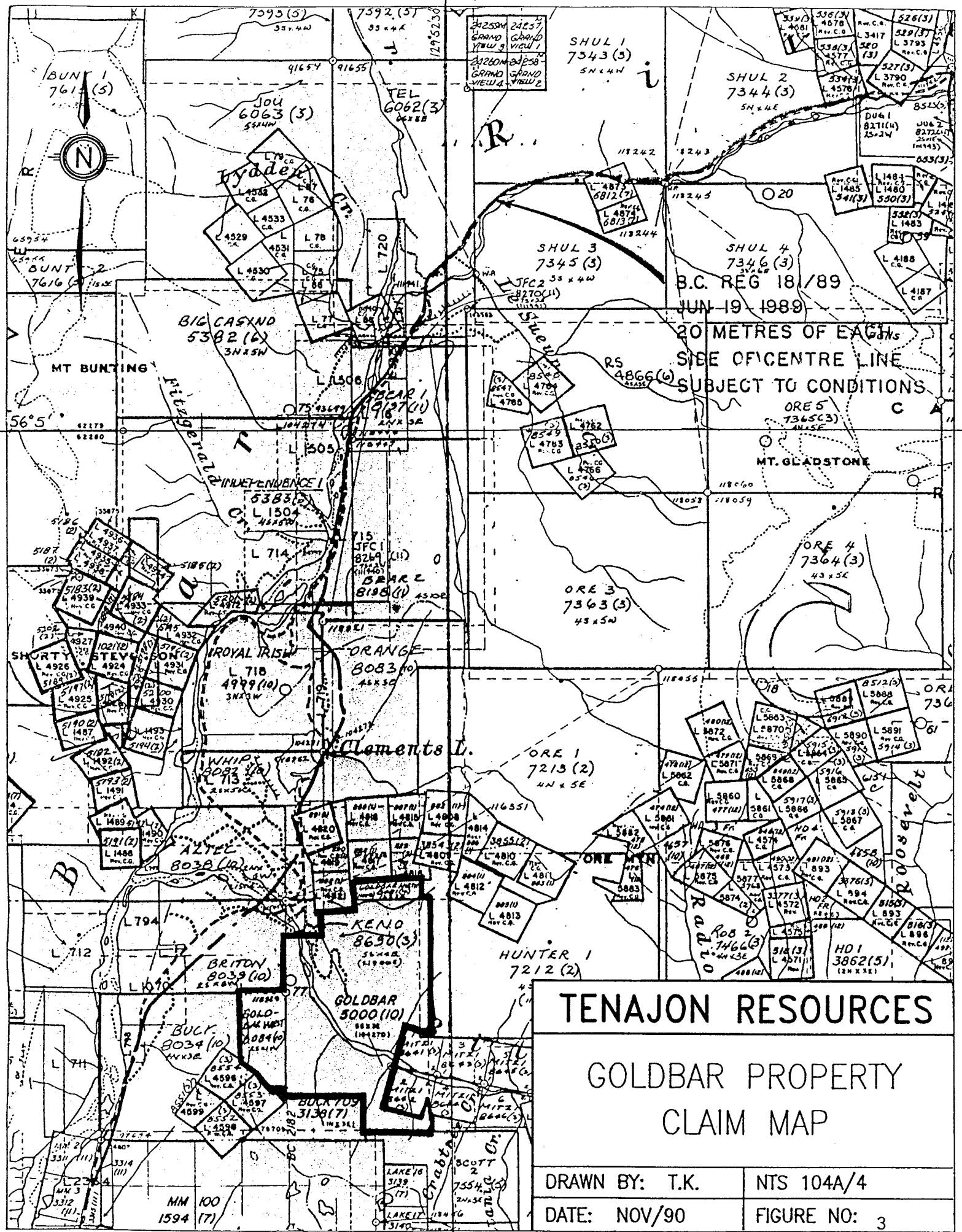
FIGURE NO: 1

DATE: DEC/1990

SCALE: 1:10,000



TENAJON RESOURCES	
GOLDBAR PROPERTY LOCATION MAP	
DRAWN BY: T.K.	NTS 104A/4
DATE: NOV/90	FIGURE NO: 2



TENAJON RESOURCES

GOLDBAR PROPERTY CLAIM MAP

DRAWN BY: T.K.

NTS 104A/4

DATE: NOV/90

FIGURE NO: 3

5.0 HISTORY AND PREVIOUS WORK

The property has been intermittently known since 1908, when a number of narrow fissure veins, containing quartz, pyrite, chalcopyrite and scheelite were located on the north side of Bitter Creek. The showings were collectively known as Little Pat.

In 1910, a 1 - 3 m wide quartz vein, occurring along the contact between volcanic rocks and sediments, was located that was reported to contain gold. The vein, occurring on the south side of Bitter Creek was referred to as the Goldbar.

From 1910 until Tenajon acquired the ground there is no record of any work being done on the property. In 1990 Tenajon completed a limited evaluation that resulted in the discovery of a 30 cm quartz vein that assayed 0.490 opt Au with 4.40% Sb.

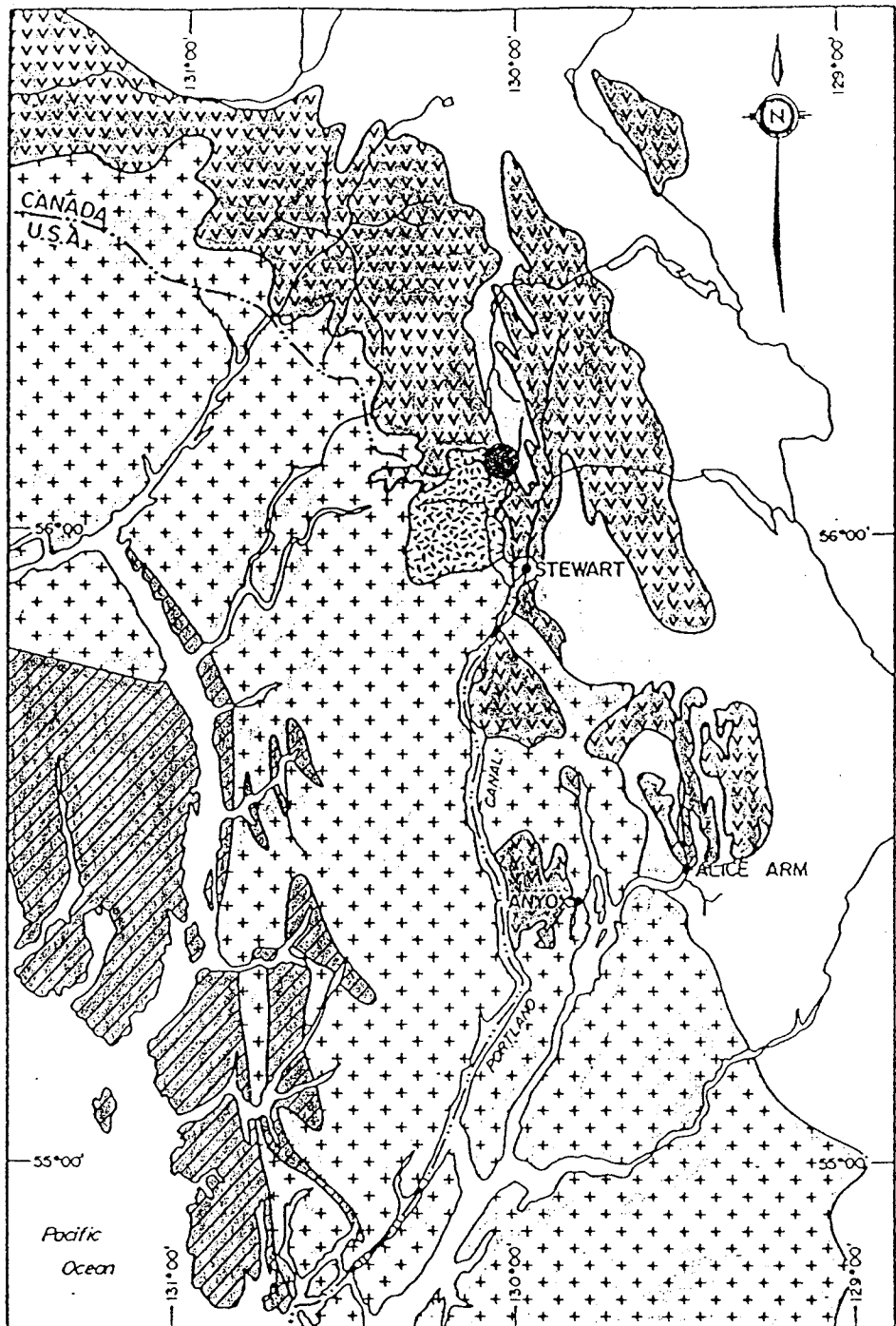
6.0 REGIONAL GEOLOGY (Figure 4)

The Goldbar property occurs within what Grove (1986) has termed the Stewart Complex. This complex, situated within the Intermontane Belt on the western edge of Stikinia terrain is immediately adjacent to the eastern margin of the Coast Plutonic Complex. Stikinia terrain, composed primarily of Upper Triassic to Middle Jurassic Hazelton Group rocks consisting of partially subaerial, differentiated andesitic to dacitic calc-alkaline volcanics, coeval intrusions and interbedded sediments, is thought to represent an island arc sequence that extends from south of Stewart near Anyox, north to the Iskut River, a distance of 150 km. This belt is highly mineralized throughout hosting several past and present producers including the Big Missouri, Silbak Premier, Granduc and Johnny Mountain mines and major ongoing developments at the Sulphurets, Snip and Eskay Creek deposits.






Middle to Late Jurassic Bowser Group sediments consisting mainly of chert pebble conglomerate and siltstone unconformably overlie Hazelton group rocks to the northeast while Upper Triassic to Lower Jurassic Texas Creek granodiorite plutons intrude Hazelton Group rocks to the southwest. Cretaceous-Tertiary granodiorite and quartz monzonite of the Coast Range Plutonic Complex and variable composed dyke swarms intrude all other igneous rocks.

7.0 PROPERTY GEOLOGY AND MINERALIZATION (Figure 5)

The Goldbar group is underlain by Hazelton Group volcanics consisting of crystal and lithic tuffs along with cherty sediments that have been intruded by augite diorite porphyry.



LEGEND

- | | | | |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|----------------------------------------------------------|
|  | LOWER-MIDDLE JURASSIC
BOWSER ASSEMBLAGE |  | UPPER TRIASSIC - LOWER JURASSIC
TEXAS CREEK INTRUSION |
|  | UPPER TRIASSIC - LOWER
JURASSIC
TAKLA & HAZELTON
ASSEMBLAGE
(STEWART COMPLEX) |  | CRETACEOUS - TERTIARY
COAST RANGE INTRUSIONS |
|  | WRANGELL METAMORPHIC BELT
(UNDEFINED AGE) | | |

REGIONAL GEOLOGY OF THE STEWART - ANYOX AREA



Figure 4 (after Dykes et al, 1988)

Figure 4

Within the sheared diorite, immediately to the west of the property, quartz veins containing semi-massive to massive pyrite, semi-massive chalcopyrite and trace to 3% molybdenite occur. On the property, molybdenite generally is confined to fracture controlled quartz veinlets. Pyrite occurs disseminated throughout the claim within limonite altered tuffs and argillites and in quartz veins. Molybdenite has been located in quartz veins generally in trace amounts.

Quartz veins discovered to date are generally less than 10 cm in width with limited length. The exception being a 30 cm quartz vein trending 316° , dipping 64° SW that contains up to 3% molybdenite, 5% pyrite, trace to 1% chalcopyrite and 5% stibnite. The vein is difficult to follow due to topographic conditions and extensive overburden cover.

8.0 GEOCHEMISTRY

A total of 11 rock chip, one silt and two soil samples were collected in the course of the 1991 evaluation. The rock chip samples weighing up to 5 kg were taken from the vicinity of the above mentioned 30 cm quartz vein, identified and stored in plastic bags. The sample locations are plotted on Figure 5 with the sample descriptions being listed in Appendix 1. The assay results are outlined in Appendix 2 and the values for silver and gold are plotted on Figure 6.

8.1 Assay Procedure

All of the samples were sent to Vangeochem Labs in Vancouver, B.C. to be analyzed using the 25 element Inductively Coupled Plasma (I.C.P.) method with, in some cases, the gold and silver content being determined by fire assay.

The following is an outline of the procedure used for the preparation and analysis of the samples:

Samples dried (if necessary), crushed or sieved to pulp size and pulverized to approximately -140 mesh.

For the 30 element I.C.P. analysis, a 10 gram sample is digested with 3 ml of 3:1:3 nitric acid to hydrochloric to water at 90° C for 1.5 hours. The sample is then diluted to 20 mls with demineralized water and analyzed. The leach is partial for Al, B, Ab, Ca, Cr, Fe, K, Mg, Ma, Na, Q, Sb, Ti, U, and W.

For gold determination by atomic absorption, a 10 gram sample that has been ignited overnight at 600° C is digested with hot dilute aqua regia and the clear solution obtained is extracted with Methyl Isobutyl Ketone (MIBK). Gold is determined in the MIBK extract by atomic absorption using a background detection (detection limit 5ppb).

For fire assay analysis, a one assay ton subsample is used.

8.2 Results

Silver and gold values are plotted on Figure 6. In general the results duplicated in value, those from the 1990 program with one noticeable exception: A 30 cm chip sample taken across the vein in 1990 assayed 0.490 opt Au whereas a sample taken in 1991 in the same spot returned a value of 0.010 opt Au with 52.50 opt Ag. All other samples returned insignificant values for the elements analyzed.

9.0 SUMMARY AND CONCLUSIONS

Two days were spent evaluating the Goldbar Group with the work being concentrated on the Goldbar claim. The property is underlain by Hazelton Group volcanics and sediments that have been intruded by augite diorite porphyry. Previous exploration has located several narrow <10 cm quartz veins that contain variable amounts of pyrite, chalcopyrite, stibnite and molybdenite. Previous sampling has shown the veins to contain minor gold values, however, one 30 cm quartz vein assayed 0.496 opt Au with 4.40% Sb. The purpose of the 1991 program was to attempt to sample the along strike extension of the vein and better define the zone. Sampling of the vein failed to reproduce the 1990 results with the vein returning a value of .010 opt Au with 52.50 opt Ag. The difference between the results may reflect an erratic distribution of gold and silver bearing sulphides within the vein.

10.0 RECOMMENDATIONS

It is recommended that additional work consisting of detailed mapping, sampling and trenching be completed along the extension of the gold bearing vein, located during the 1990 summer program.

11.0 COST STATEMENT - GOLDBAR GROUP

a)	Labour				Total: \$ 1,374.00
	Dave Javorsky: Sept. 8 & 9	2 @ \$200/day			
	Tim Kirby: Sept. 8 & 9	2 @ \$192/day			
	Bruce McLeod: Sept. 8	1 @ \$295/day			
b)	Room & Board				Total: \$ 500.00
	5 man-days @ \$100/day				
c)	Transportation				Total: \$ 75.00
	Truck rental 2 days @ \$75/day				
d)	Equipment Rental				Total: \$ 100.00
	Flagging, chains, bags, etc.				
e)	Communications				Total: \$ 20.00
f)	Assaying				Total: \$ 187.00
	Number	Type	Prep \$	I.C.P \$	Au \$
	2	Soil	1.00	6.50	
	1	Silt	1.00	6.50	
	11	Rock	3.00	6.50	
	5				12.00
f)	Report				Total: \$ <u>400.00</u>
	includes typing, xeroxing, preparation, etc.				
					Subtotal: \$ 2,656.00
g)	Management fee - 10%				Total: \$ <u>265.60</u>
					Total: \$ <u><u>2,921.60</u></u>

12.0 STATEMENT OF QUALIFICATIONS

I, Fred G. Hewett, with business address in the City of Vancouver, and residential address in the District of Coquitlam, in the Province of British Columbia,

DO HEREBY CERTIFY THAT:

1. I am a graduate of the University of British Columbia with a Bachelor of Science Degree in Geology.
2. I am a registered member of the Association of professional Engineers of the Province of British Columbia.
3. I am a member of the Canadian Institute of Mining & Metallurgy, a fellow of the Geological Association of Canada, and a member of the Society of Economic Geologists.
4. I have practiced various levels of my profession in Canada for approximately twenty years.
5. I am presently employed by International Northair Mines Ltd., and did personally supervise the work described in this report.

Dated at Vancouver, British Columbia, this 20th day of November, 1991.

Fred G. Hewett, P.Eng.

A handwritten signature in cursive script, appearing to read 'F. G. Hewett', written in black ink.

APPENDICES

Appendix 1 Sample Descriptions

THE
NORTH
HAIR
GROUP

SAMPLE
DESCRIPTION

Project Gold bar

Sampler Bruce McLeod, T. Kirby

Date	Sample No.	Type	Location				Sample Data				Assay Data			Sample Description	
			Claim	Northing	Easting	Zone	No.	From (m)	To (m)	Int. (m)	Cu	Au	Ag	Alteration	
Sept 8	34627	Rock													Granodiorite tr py weak chlorite alt
"	34628	Rock					0	.30	.30		.010 _{gr}	52.50 _{gr}			quartz vein with black sulphides
"	34629	Rock					0	.30	.30		.006 _{gr}	3.79 _{gr}			fine grained quartz vein at wall level above 34628 fine grained black sulphides
"	34630	Rock					0	1.05	1.0		.005 _{gr}	.64 _{gr}			wall rock - granodiorite with tr py, ep minor flg black sulphides
	34631	Rock					0	.40	.40		4.005 _{gr}	58 _{gr}			quartz vein ^{at chert level} minor flg black sulphides
	34632	Rock					0	.25	.25		1.005	.93			same vein as 34628 quartz vein (as 34628) minor flg black sulphides
	34633	Rock					0	3.0N	3.0			175 _{gr}			granodiorite tr ep weak chl alt
	34634	Rock					0	3.05	3.0			<1 _{gr}			" " "
	34635	Rock					0	5.0	5.0N			<1			" " " minor
	34636	Rock					0	2.0	2.0			<1			" " " weak chl alt tr py in qu stringer
	34637	Rock					0	3.0	3.0			<1			" " " "

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REPORT NUMBER: 910236 AA

JOB NUMBER: 910236

TENAJON RESOURCES CORP.

PAGE 1 OF 1

SAMPLE #	Ag oz/st	Au oz/st
34628	52.50	0.010
34629	3.79	0.006
34630	0.64	< 0.005
34631	0.58	< 0.005
34632	0.93	< 0.005

DETECTION LIMIT

0.01

0.005

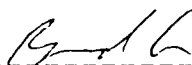
1 Troy oz/short ton = 34.28 ppm

1 ppm = 0.0001 %

ppm = parts per million

< = less than

signed: _____



1630 Pandora Street, Vancouver, B.C. V5L 1L6
 Ph: (604)251-5656 Fax: (604)254-5717

ICAP GEOCHEMICAL ANALYSIS

A .5 gram sample is digested with 5 ml of 3:1:2 HCL to HNO₃ to H₂O at 95 °C for 90 minutes and is diluted to 10 ml with water.
 This leach is partial for Al, Ba, Ca, Cr, Fe, K, Mg, Mn, Na, P, Sn, Sr and W.

ANALYST: *[Signature]*

REPORT #: 910238 PA

TENAJON RESOURCES CORP.

PROJECT: SOUTH GROUP

DATE IN: SEPT 20 1991

DATE OUT: SEPT 23 1991

ATTENTION: MR. FRED HEWETT

PAGE 1 OF 1

Sample Name	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sb ppm	Sn ppm	Sr ppm	U ppm	W ppm	Zn ppm
34626	<0.1	2.39	<3	225	<3	0.34	9.3	15	112	55	3.97	<0.01	1.49	1012	<1	0.25	36	0.02	<2	<2	<2	19	<5	<3	124
34638	<0.1	3.83	<3	141	<3	0.41	<0.1	36	41	136	5.45	<0.01	0.90	1143	<1	0.22	40	0.02	<2	<2	<2	27	<5	<3	210
34639	<0.1	2.21	<3	188	<3	0.97	1.9	31	11	150	3.71	<0.01	0.88	1701	<1	0.24	51	0.03	<2	<2	<2	58	<5	<3	197
Minimum Detection	0.1	0.01	3	1	3	0.01	0.1	1	1	1	0.01	0.01	0.01	1	1	0.01	1	0.01	2	2	2	1	5	3	1
Maximum Detection	50.0	10.00	2000	1000	1000	10.00	1000.0	20000	1000.	20000	10.00	10.00	10.00	20000	1000	10.00	20000	10.00	20000	2000	1000	10000	100	1000	20000

< - Less Than Minimum > - Greater Than Maximum is - Insufficient Sample ns - No Sample ANOMALOUS RESULTS - Further Analyses By Alternate Methods Suggested.

VANGEOCHEM LAB LIMITED

1630 Pandora Street, Vancouver, B.C. V5L 1L6
 Ph: (604)251-5656 Fax: (604)254-5717

ICAP GEOCHEMICAL ANALYSIS

A .5 gram sample is digested with 5 ml of 3:1:2 HCL to HNO₃ to H₂O at 95 °C for 90 minutes and is diluted to 10 ml with water.
 This leach is partial for Al, Ba, Ca, Cr, Fe, K, Mg, Mn, Na, P, Sn, Sr and W.

ANALYST: *R. Smith*

REPORT #: 910237 PA

TENAJON RESOURCES CORP.

PROJECT: SOUTH GROUP

DATE IN: SEPT 20 1991

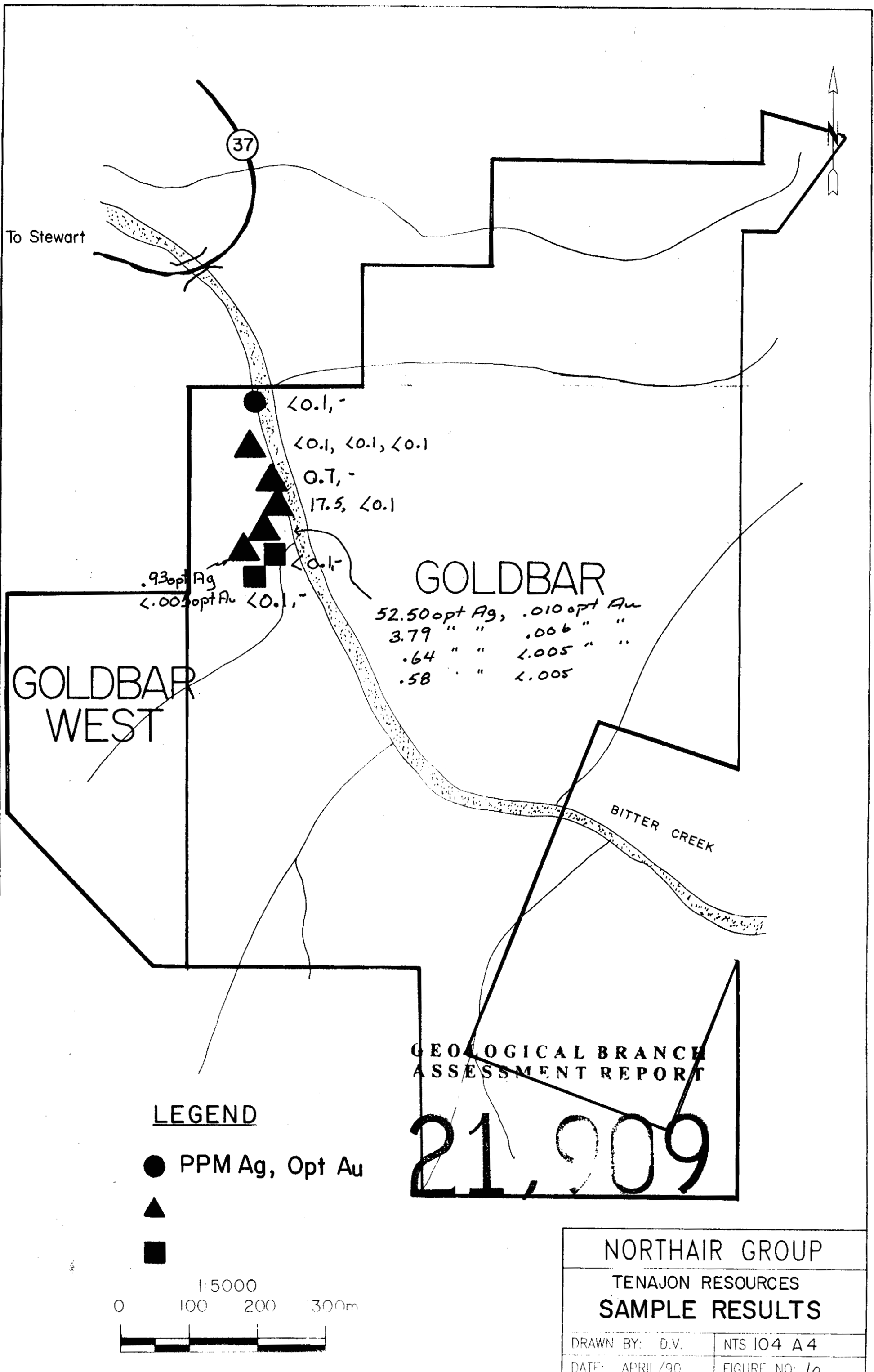
DATE OUT: SEPT 23 1991

ATTENTION: MR. FRED HEWETT

PAGE 1 OF 1

Sample Name	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sb ppm	Sn ppm	Sr ppm	U ppm	W ppm	Zn ppm	
34627	0.7	0.24	<3	51	222	0.20	10.9	3	354	251	1.65	<0.01	0.07	115	61	0.17	24	<0.01	30	18	<2	5	<5	<3	24	
34633	17.5	0.20	<3	6	54	0.02	1.1	3	60	573	2.54	<0.01	0.03	81	490	0.12	6	<0.01	30	<2	<2	2	<5	<3	169	
34634	<0.1	2.93	<3	129	<3	1.92	<0.1	20	282	52	3.16	<0.01	1.30	406	<1	1.11	98	0.03	<2	<2	<2	110	<5	<3	42	
34635	<0.1	5.01	6	74	<3	3.50	<0.1	30	110	160	3.75	<0.01	0.84	362	<1	1.46	104	0.02	<2	<2	<2	139	<5	<3	25	
34636	<0.1	1.65	<3	39	<3	1.45	<0.1	13	42	68	1.72	<0.01	0.27	159	<1	0.45	46	0.01	<2	<2	<2	85	<5	<3	19	
34637	<0.1	4.08	<3	36	<3	3.06	<0.1	22	93	142	3.13	<0.01	0.55	329	<1	1.27	86	0.02	<2	<2	<2	166	<5	<3	25	
Minimum Detection	0.1	0.01	3	1	3	0.01	0.1	1	1	1	0.01	0.01	0.01	1	1	0.01	1	0.01	2	2	2	1	5	3	1	
Maximum Detection	50.0	10.00	2000	1000	1000	10.00	1000.0	20000	1000	20000	10.00	10.00	10.00	20000	1000	10.00	20000	10.00	20000	2000	10000	10000	100	1000	20000	
< - Less Than Minimum) - Greater Than Maximum is - Insufficient Sample ns - No Sample ANOMALOUS RESULTS - Further Analyses By Alternate Methods Suggested.																									

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GOLDBAR

52.50 opt Ag, .010 opt Au
 3.79 " " .006 " "
 .64 " " 1.005 " "
 .58 " " 1.005

GOLDBAR WEST

.93 opt Ag
 1.00 opt Au <0.1,-

<0.1,-
 <0.1, <0.1, <0.1
 0.7,-
 17.5, <0.1

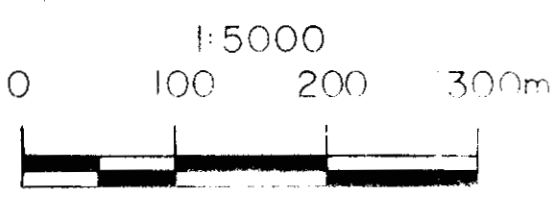
<0.1,-

**GEOLOGICAL BRANCH
 ASSESSMENT REPORT**

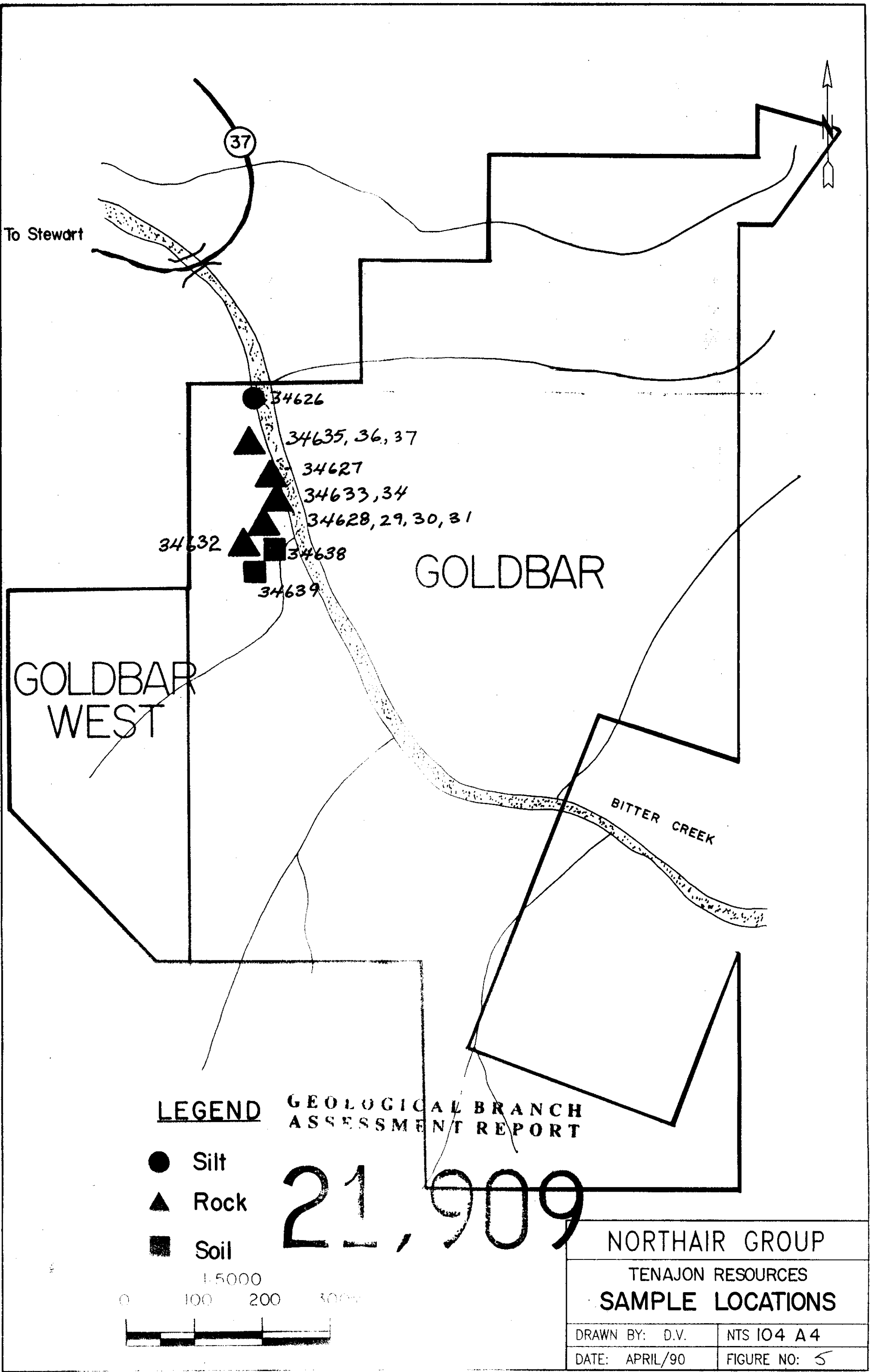
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LEGEND

- PPM Ag, Opt Au
- ▲
-

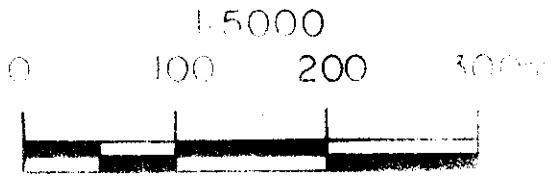


NORTHAIR GROUP	
TENAJON RESOURCES	
SAMPLE RESULTS	
DRAWN BY: D.V.	NTS 104 A 4
DATE: APRIL/90	FIGURE NO: 6



LEGEND

- Silt
- ▲ Rock
- Soil



**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

21,909

NORTHAIR GROUP	
TENAJON RESOURCES	
SAMPLE LOCATIONS	
DRAWN BY: D.V.	NTS 104 A 4
DATE: APRIL/90	FIGURE NO: 5