L0G NO:	12-31	RD.
ACTION:		
FILE NO:		

	SUB-RECOVER PECENTO DEC 2 0 1/90	
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GEOCHEMICAL REPORT
GOLDBAR GROUP

LOG NO: April 30/91 RD.

ACTION:

Date received leach
from amendment

FILE NO:

Skeena Mining Division

NTS: 104A/4W Latitude: 56⁰02'N Longitude: 129⁰55'W

Owner/Operator:

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

Work Conducted:

September 15 - October 15, 1990

Report By:

Dave Visagie November 27, 1990

> GEOLOGICAL BRANCH ASSESSMENT REPORT

> 20,682



Province of British Columbia

Ministry of Energy, Mines and Petroleum Resources

TYPE OF REPORT/SURVEY(S)

30683

ASSESSMENT REPORT TITLE PAGE AND SUMMARY

TOTAL COST

GEOCHEMICAL	2,997.00
AUTHOR(S)D.A. Visagie sign	
DATE STATEMENT OF EXPLORATION AND DEVELOPMENT FILE	O October 11 YEAR OF WORK 90
PROPERTY NAME(S) Goldbar	
PROPERTY NAME(S)	
COMMODITIES PRESENT Au., . W	
B.C. MINERAL INVENTORY NUMBER(S), IF KNOWN	
MINING DIVISIONSkeeda	
LATITUDE	
NAMES and NUMBERS of all mineral tenures in good standing (when work (12 units); PHOENIX (Lot 1706); Mineral Lease M 123; Mining or Certified I	k was done) that form the property [Examples: TAX 1-4, FIRE
Goldbar 5.0.00	
Goldbar West 8084	
Goldbar North 8081	
OWNER(S)	
(1) Dave Javorsky (2)	
MAILING ADDRESS	, , , , , , , , , , , , , , , , , , , ,
Вож	860 625. Howe. St
OPERATOR(S) (that is, Company paying for the work)	···· Vancouver, B.C.·· V6C 2T6·····
(1)Tenajon Resources Corp (2)	
MAILING ADDRESS	
See Above	
SUMMARY GEOLOGY (lithology, age, structure, alteration, mineralization	, size, and attitude):
Hazelton Group volcanics have been intru	ded by augite porphyry diorite.
Mineraliation consist of quarts vein rel	ated gold, arsenopyrite, bismuth,
chalcopyrite and silver and scheelite	
REFERENCES TO PREVIOUS WORK	

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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.

Three days representing eight man-days were spent, between September 15 and October 15, 1990, evaluating the property. A total of 16 rock chip, 2 soil and 2 silt samples 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 129055'W, 5602'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.

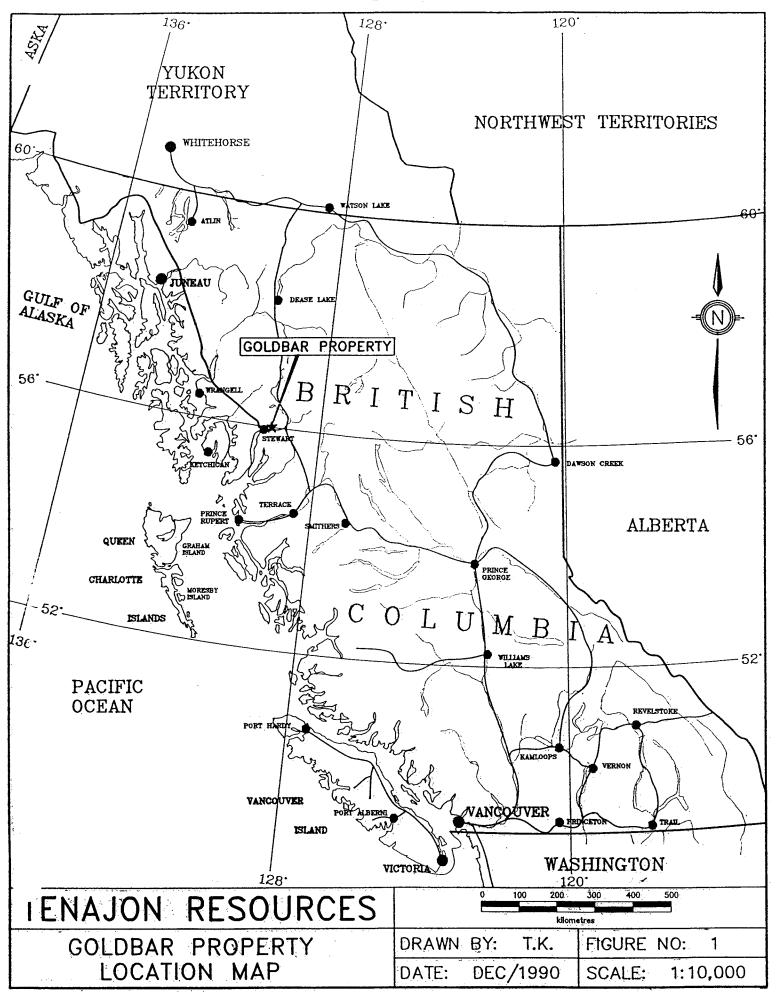
The weather is typical of the northern Coast Mountains with heavy snowfalls occurring in the winter while the summers tend to be cool and wet.

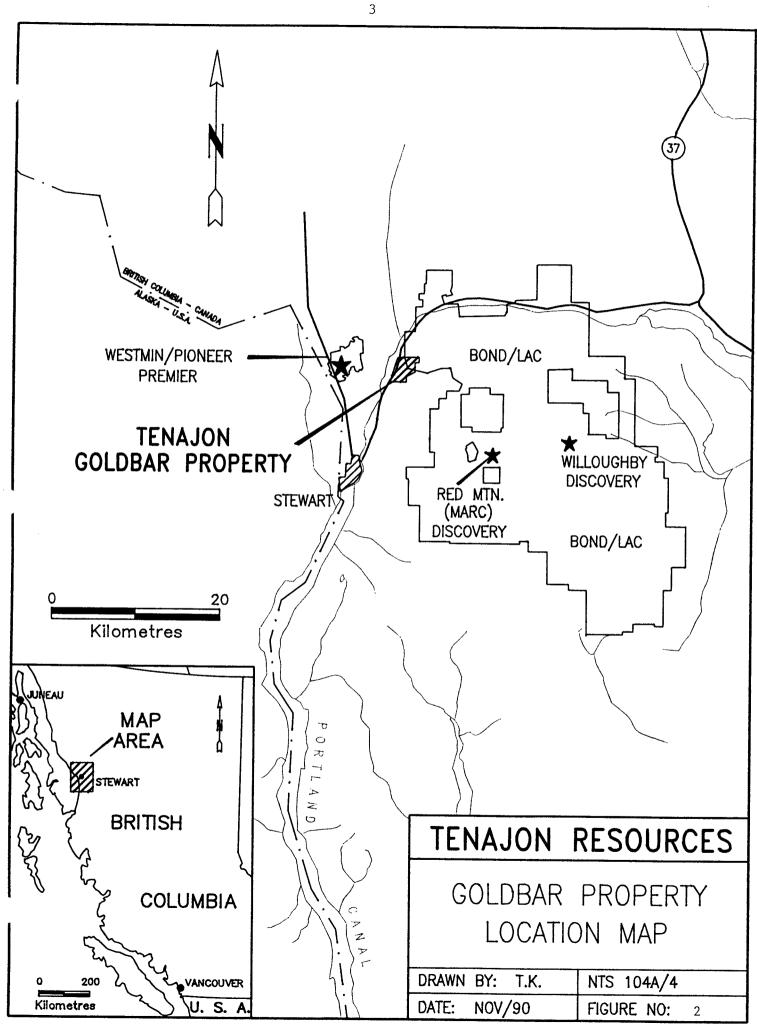
4.0 CLAIM STATUS (Figure 3)

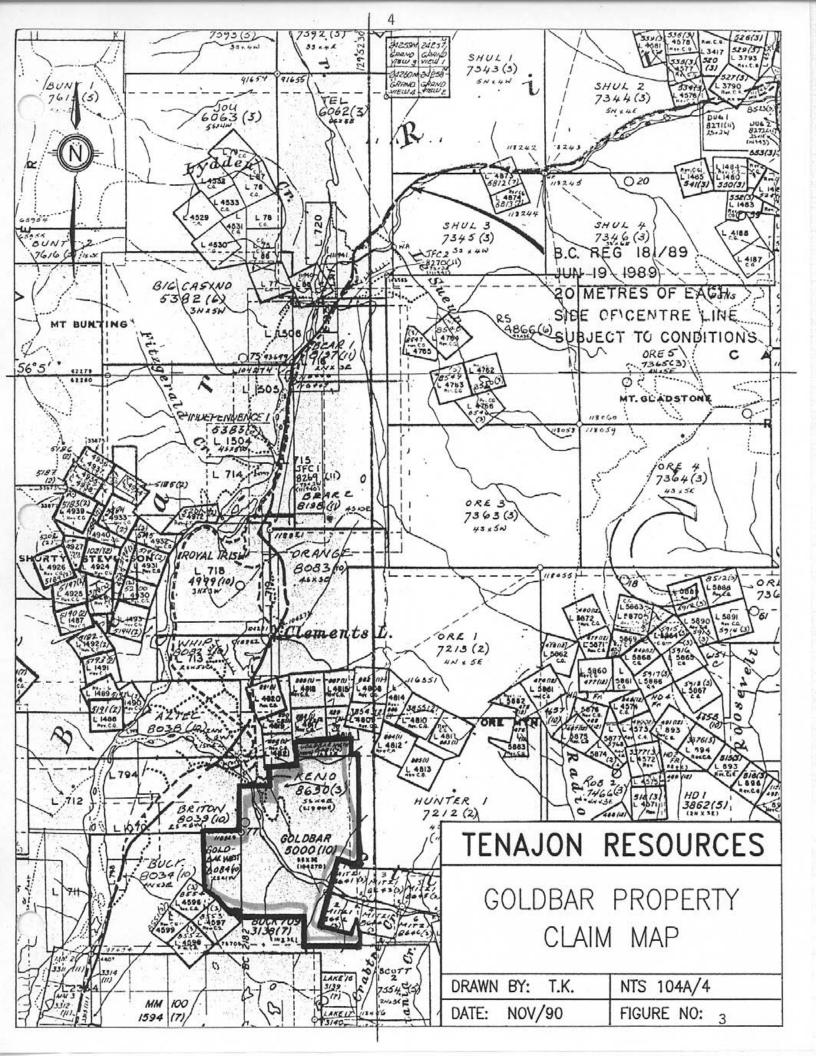
The Goldbar group is comprised of the following:

Claim	Units	Record #	Expiry Date
Goldbar Goldbar West	15	5000 8084	October 11, 1990 October 13, 1990
Goldbar North	2	8081	October 13, 1990

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







5.0 HISTORY AND PREVIOUS WORK

The property has been intermittently known since 1908, when a number of arrow 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.

Since 1910, there is no known work recorded.

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.

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 16 rock chip, two silt and two soil samples were collected in the course of the evaluation. The rock chip samples weighing up to 5 kilograms were taken, identified and stored in plastic bags. The sample locations are plotted on Figure 6 with the sample descriptions being listed in Appendix 1. The assay results are outlined in Appendix 2.

8.1 Assay Procedure

All of the samples were prepared in Stewart, B.C. by Eco-Tech Laboratory and then sent to their laboratory in Kamloops, B.C. to be analyzed using the 30 element Inductively Coupled Plasma (I.C.P.) method with gold content being determined by atomic absorption. Samples that contained >1000 ppb Au, 30 ppm Ag, 10,000 Cu, Pb or Zn were assayed.

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.

Copper, lead and zinc are digested by aqua regia with the samples being analyzed by atomic absorption.

Bismuth was digested by aqua regia with the samples being analyzed by atomic absorption.

8.2 Results

In general, rock chip samples returned low values for gold, <100 ppb Au. Only one sample, from a well mineralized, stibnite, molybdenite and pyrite bearing 30cm qv was anomalous, assaying 0.496 opt Au.

Rock chip sample results taken immediately to the west of the property were strongly anomalous in copper and silver with grab samples assaying 8.80% Cu, 16.00% Cu with respectively 14.00 opt Ag and 51.91 opt Ag.

Soil and silt sample results failed to outline any significant anomalous zones.

9.0 SUMMARY AND CONCLUSIONS

Three days were spent evaluating the Goldbar property 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. Exploration has located several narrow <10 cm quartz veins that contain variable amounts of pyrite, chalcopyrite, stibnite and molybdenite. In general, the veins contain minor gold values, however, one 30 cm quartz vein assayed 0.496 opt Au with 4.40% Sb.

Elsewhere, immediately adjacent to the western claim boundary, narrow 1-20 cm quartz vein filled chalcopyrite bearing shears have been shown to contain significant silver. The veins are difficult to explore due to topographic conditions.

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.

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11.0 COST STATEMENT

Briar Dave	Labour Malahoff: Sept Kosmynka: Sept Genns: Sept	t. 27, Oct. t. 27, Oct. t. 27	, 1 & 2 , 1 & 2	3 @ \$185/day 3 @ \$204/day 1 @ \$185/day	\$1352
b)	Room & Board i) Room: 7 maii) Board: 7 maii	an-days @ \$ man-days @	\$50/day \$25/day	\$350 \$175	\$ 525
	Transportation rental 3 day (includes fuel			, etc.)	\$ 225
	Equipment d gear, topofile	e, plastic	bags, etc	•	\$ 100
e)	Sampling	Prep \$	I.C.P \$	Au \$	
2 sc	ock samples oil samples ilt samples	X 1.00	1.00	6.75 = \$280 6.75 = \$ 29.50 6.75 = \$ 29.50	
	Assay	Samples	Cost	\$	
	Silver Copper Gold Bismuth	3 2 1 1	6.50 8.50	= \$ 25.50 = \$ 13.00 = \$ 8.50 = \$ 9.00	\$ 395
f)	Report includes	typing, xei	roxing, pr	eparation, etc.	\$400
				Total:	\$2997

12.0 STATEMENT OF QUALIFICATIONS

- I, D.A. Visagie of 860 625 Howe Street, Vancouver, British Columbia, do hereby declare that:
 - 1. I graduated from the University of British Columbia with a Bachelor of Science Degree, majoring in Geology, in 1976.
 - 2. I have been steadily employed in the mining industry since then and have since January 1990 been employed by Northair Mines Ltd. as Senior Geologist.
 - 3. The work undertaken on the Goldbar group was under my supervision.

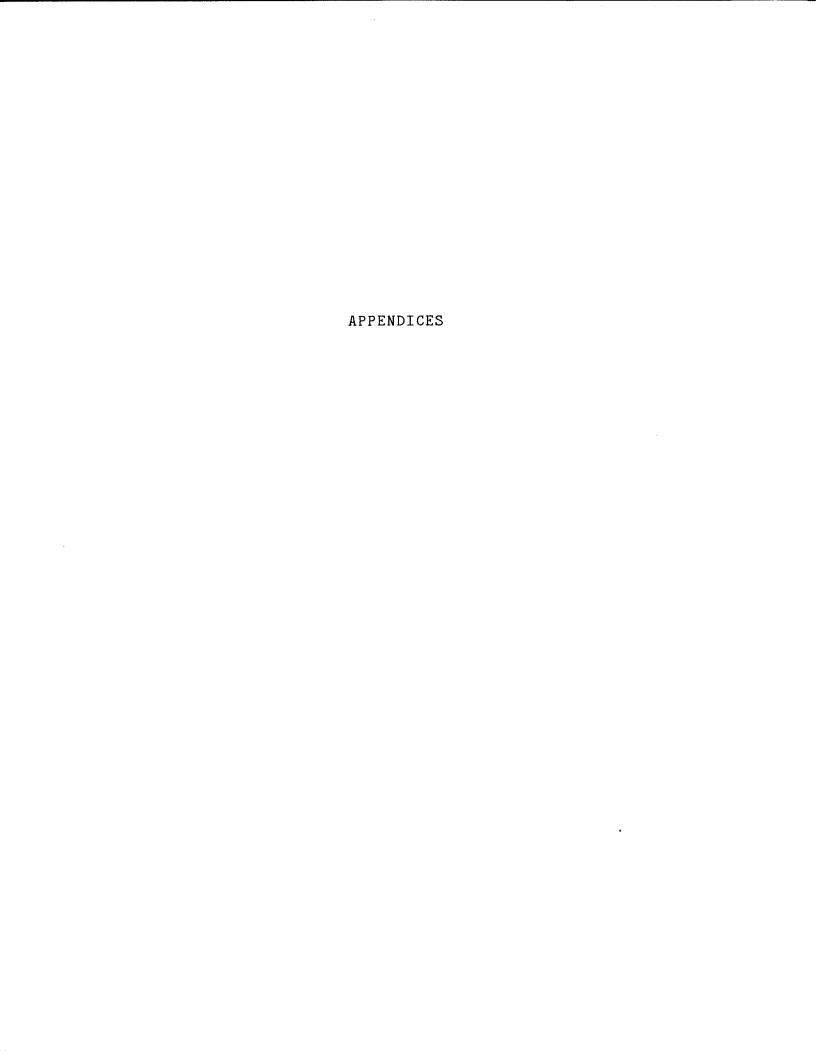
Dated at Vancouver, British Columbia, this 26th day of November, 1990.

Dave Visagie

- I, Brian Malahoff of 860 625 Howe Street, Vancouver, British Columbia, do hereby declare that:
 - 1. I graduated from the University of British Columbia with a Bachelor of Science degree, majoring in Geology, in 1985.
 - 2. I have been steadily employed in the mining industry since then and have been employed by the Northair Group, under contract, since July, 1990.
 - 3. The work on the Goldbar group was completed by myself and a crew under my supervision.

Dated at Vancouver, British Columbia, this 26th day of November, 1990.

Brian Malahoff



APPENDIX 1 - SAMPLE DESCRIPTION: GOLDBAR GROUP

	Sample #	Sample Width	Au ppb	Ag ppm	Cu ppm	Mo ppm	Bi ppm	Zn ppm	Sample Description
	88577	Grab	10	0.2	5	5	12 25	11	Strongly silicified diorite 1-3% cp, tr magnetite
	88578	Grab	5	0.3	124	2	25	4	Mod. sil. andesite 1-3% py, limonite alt.
	88655	Grab	10	0.2	133	6	14	25	Narrow quartz veins in diorite, tr Mo in grandiorite
	88656	Grab	345	14.0 opt	0.088	402	1791	958	Granodiorite with 30% Cp, 5% Mo
	88657	Grab	445	51.9 opt	0.16	392	9066	2249	Chlorite quartz vein with 40% Cp, Mo, breccia
	88658	Grab	75	4.1	488	11	<5	48	Chloritic granite intrusive with dissem. py, tr cp
	88691	Float	<5	<0.2	121	6	10	19	Silicified cherty rhyolite tr - 2% dissem. py
	88692	0.3m	<5	1.5	300	654	60	14	Quartz vein in diorite 1% py 10% stibnite
	88693	0.2m	<5	1.3	220	24	45	15	Quartz vein, weak limonite alteration, tr py
		0.3m	15			119		89	Vuggy quartz vein tr - 2% Cp, tr Mo, weak chlor alt.
								0.000	Vuggy quartz vein tr - 10% Cp, py, tr Mo
		200 100 100 100		29.5		(1990,197, (c. 4))			Vuggy quartz vein tr - 5% Stibnite, limonite, 5% py
		WHEN PERSON NAMED IN COLUMN							Cherty rhyolite flow? tr dissem py
			A Discount of the Land	10000					
						. 5			
c						6			
1.0	88694 88695 88696 88697 88698 88699	0.3m 0.3m Grab 0.3m Grab Grab Float	15 310 30 0.496 24 5	16.6 29.5 21.7 0.6 <0.2 <0.2	432 431 398 916 216 28 107	119 467 441 38 10 5	305 505 40 4.04 60 70 30	89 99 653 137 13 29	Vuggy quartz vein tr - 2% Cp, tr Mo, weak chlovuggy quartz vein tr - 10% Cp, py, tr Mo Vuggy quartz vein tr - 5% Stibnite, limonite, something the charty rhyolite flow? tr dissem py Cherty gossanous rock, mod limonite stain Rhyodacite tr dissem py Rhyodacite tr dissem py

ECO-TECH LABORATORIES LTD.

TENAJON RESOURCES - ETS 90-9155

10041 EAST TRANS CANADA HWY. KAML000S, B.C. V2C 2J3

OCTOBER 16, 1990

PHONE - 604-573-5700

FAX - 604-573-4557

VALUES IN PPH UNLESS OTHERWISE REPORTED

ATTENTION: DAVID VISAGIE

860 - 625 HOWE ST.

VANCOUVER, B.C.

V6C 2T6

PROJECT: TENAJON (GOLDBAR)

	SCRIPTION	AU(ppb)		AL(\$)	AS	8	88	81 0		CD	CO	CR	CU I		K(1)		G(%)	MN		A(%)	NI	p.	P8	S8	SN		(1)	IJ	٧	¥	Υ	ZN
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9138 -11	88577	10	.2	.21	(5 20	7	(5	(5	.31	(1	(1	120	5		61	12	.03	129	898	(.01	2	45	-	(5	(20	3	(.01	(10	(1	21	12	10
9138 -12 9138 -13	88578 88655	10	.2	1.66	5	5	63	14	.30	1	17	45	133	5.79	.74	16	.88	224	6	.02	2	486		(5	(20	7	.18	(10	71	25	3	25
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9138 -16 9156 - 1	88658 88691	75 65	4.1	1.35	10	(2	103	(5	.50	. 1	19	69 75	488	7.79	.75	12	1.01	262	11	.08	2 25	615	16	8	(20	337	.14	(10	95	(10 <10	3	48 19
9156 - 2	89672	45	1.5	.35	(5	43	19	60	-29	ct	11	74	300	3.06	.12	14	.10	103	654	.01	5	74	2.22	45	20	3	2.01	(10	a	15	2	14
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9139 - 4	R1 - 04	5	.3	3.01	(5	7	99	3	.12	(1	5	3	88	3.86	.08	28	.37	56	18	.02	(1	44	5 7	(5	(20	1	4 .14	1	0 5	5 (10	(1	1 26

NOTE: (= LESS THAN

cc: DAVE VISAGIE TENAJON RESOURCES 80X 830, STEWART, 8.C.

SC90/NORTHAIR

ECO TECH LABORATORIES VID. BUTTA JEALOUSE B.C. CERTIFIKO ASSAYER

