LOG NO: 12-31	RD.
ACTION:	
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GEOCHEMICAL REPORT

CAMBRIA GROUP

Skeena Mining Division

NTS: 103P/13E Latitude: 55°55'N Longitude: 129°40'W

Owner/Operator:

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

Work Conducted:

October 1 - 5, 1990

Report By:

Dave Visagie November 29, 1990

GEOLOGICAL BRANCH ASSESSMENT REPORT

TRUCK NO

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1.0 INTRODUCTION

The Cambria property occurs within the Stewart gold camp, approximately 3 km west of Lac Bond's Red Mountain gold discovery. The claims are snow and ice covered but are shown to be underlain by Hazelton Group Volcanics locally consisting of volcanic flows and tuffs and intercalated sediments. Prior to Tenajon acquiring the ground there is no known record of any work being completed on the property. Two days, October 4 and 5 (representing 1.5 man days) were spent collecting samples for a moraine located on the property. A total of 27 samples were taken and sent for analysis. In addition, the property was prospected using a helicopter to check for available outcrop. The evaluation was hampered by the lack of outcrop and ice cover particularly on the Joe and Wam claims.

2.0 LOCATION AND ACCESS (Figures 1 and 2)

The Cambria property is located 19 km due east of Stewart, B.C., centred within the northern portion of the Cambria Icefield. The claims are centred at latitude $55^{\circ}55'N$, longitude $129^{\circ}40'W$ occurring on NTS sheet 103P/13E. Access is by helicopter from Stewart.

3.0 PHYSIOGRAPHY, VEGETATION AND CLIMATE

The Cambria property is located within the Cambria Icefield. Local relief is moderate varying from 1580 m to 1707 m. To the east and west of the property mountain peaks in excess of 2200 m are common.

The claims are all above tree line with mosses and lichens being the only vegetation present.

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

4.0 CLAIM STATUS (Figure 3)

The Cambria property consists of the following claims:

Claim	Units	Record #	Expiry Date								
Joe Wig	7	8085 8086	October 13, 1990 October 13, 1990								
Wam	7	8087	October 13, 1990								

They are all 100% owned by Tenajon Resources Corp.







5.0 HISTORY AND PREVIOUS WORK

There is no known record of any work being completed on the Cambria property prior to Tenajon acquiring the ground. To the west, Lac Bond is completing a comprehensive evaluation of its Red Mountain gold deposit where drill intersections of up to 0.30 opt Au over 69 m have been encountered.

6.0 REGIONAL GEOLOGY (Figure 4)

The Cambria 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

The Cambria property is covered by extensive snow and ice. Mapping completed by Groves in the area shows the property to be underlain by Lower to Middle Jurassic aged Hazelton Group rocks locally consisting of Unuk River Formation volcanic flows and tuffs along with sandstones, conglomerate and Salmon River Formation sediments. A small talus slope located in the northeast corner of the Joe claim was observed to contain boulders of andesitic tuff and flows that contain quartz-carbonate veins and stockwork. The veins, up to 5 cm wide, contain minor pyrite. Locally minor gossanous boulders were observed to contain 5% disseminate pyrite.



8.0 GEOCHEMISTRY

A total of 27 rock chip 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 5 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).

8.2 Results

The results of the talus sampling failed to detect any significant precious metal values within the samples. Base metal values are low, generally <100 ppm for Cu, Pb and Zn.



9.0 SUMMARY

Two days were spent sampling a talus slope located on the Cambria property. The purpose of the survey was to determine whether any significant zones of mineralization occur in the talus and to complete enough work for assessment purposes.

Extensive snow and ice cover occur throughout the property. Mapping by Groves suggests that the property is underlain by Hazelton Group volcanics and sediments. On the property, only talus within moraines could be sampled. The results of this sampling program failed to locate any significant values for Cu, Pb, Zn, Ag and Au.

10.0 RECOMMENDATIONS

It is recommended that the Cambria property be held due to its close location to Lac Bond's Red Mountain gold deposit. Further work should include geophysical surveying to test the rock under the ice-cap to determine whether any significant conductors exist.

11.0 COST STATEMENT

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b)	Room i) ii)	& Boa Room Board	ard : 1 d: 1	.5 man 5 man	-day -day	ys @ ys @	\$! \$?	507 257	′da ′da	у У				\$	1	12.50
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											Tot	al:		\$2	22	77.01

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.
- The work undertaken on the Cambria group was under my supervision.

Dated at Vancouver, British Columbia, this 29th day of November, 1990.

Allucze Dave Visa

Columbia, do hereby declare that:

1985.

I, Brian Malahoff of 860 - 625 Howe Street, Vancouver, British

- I graduated from the University of British Columbia with a Bachelor of Science degree, majoring in Geology, in
- 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 Cambria group was completed by myself and a crew under my supervision.

Dated at Vancouver, British Columbia, this 29th day of November, 1990.

Brian Malahoff

APPENDICES

APPENDIX 1 - TALUS SAMPLE DESCRIPTION: CAMBRIA PROPERTY

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Sample #	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	Sample Description
89511	<5	<0.2	5	. 14	98	20 cm quartz-carbonate vein in sil andesite
89512	<5	<0.2	13	10	28	Weakly pyritic sil. andesite
89513	<5	<0.2	21	7	32	Quartz vein float - tr pyrite
89514	5	<0.2	1	2	- 9	Quartz vein float - tr pyrite
89515	5	<0.2	12	4	86	Weakly pyritic sil. andesite
89516	10	<0.2	7	7	35	Silicified andesite with tr pyrite
89517	10	2.4	42	477	63	Quartz vein with 5% pyrite
89518	<5	<0.2	16	4	10	Vuggy quartz vein in andesite
89519	<5	0.2	74	5	52	Quartz-calcite vein with tr pyrite
89520	<5	<0.2	7	2	35	Quartz-carbonate vein with tr pyrite
89325	20	0.2	1	2	14	Quartz-calcite vein
89326	15	<0.2	19	<2	43	Quartz vein in andesite, weak limonite alt
89327	25	0.7	37	10	18	Gossanous andesite mod-strongly sil. tr pyrite
89328	20	<0.2	19	<2	96	Gossanous andesite, tr pyrite in quartz calcite veining
89329	30	0.1	17	<2	4	Gossanous andesite, tr pyrite in quartz calcite veining
89330	35	0.7	7	12	4	Highly altered (limonite, argillite, sericite) sheared dacite, tr 2% py
89331	25	1.4	10	19	5	Strongly sil gossanous sheared rhyodacite tr 2% pyrite
₩ 89332	20	0.4	15	<2	17	Strongly sil gossanous sheared rhyodacite tr 2% pyrite
85751	30	5.7	8	101	64	Rhyodacite with quartz veining weak limonite alt
85752	80	7.4	1075	<2	6	Quartz-carbonate veing, tr pyrite
85753	20	<0,2	15	<2	72	Cherty ryhodacite with calcite viening - tr py
85754	25	<0.2	4	<2	9	Quartz carbonate veining in dacite - tr pyrite
85755	30	<0.2	15	<2	55	Quartz vein stockwork in sil. dacite - andesite
85756	35	<0.2	25	9	52	quartz vein minor carb veining
85757	20	<0.2	15	<2	69	Quartz carbonate vein breccia in sil dacite-andesite
85758	20	<0.2	2	<2	40	Quartz carbonate vein breccia in sil dacite-andesite
85759	25	<0.2	2	<2	31	Quartz carbonate vein breccia in sil dacite-andesite

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APPENDIX 2 - Assay Results

ECO-TECH LABORATORIES LTD.

TENAJON RESOURCES - ETS 90-9157

10041 EAST TRANS CANADA HWY. KAMLOOPS, B.C. V2C 2J3 PHONE - 604-573-5700 FAX - 604-573-4557

OCTOBER 12, 1990

VALUES IN PPM UNLESS OTHERWISE REPORTED

860 - 625 HONE ST. VANCOUVER, B.C. V6C 216

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PROJECT: TENAJON CAMBRIA (WIG JOE WAM) 10 ROCK SAMPLES RECEIVED OCTOBER 9, 1990

ETI	DESCRIPTION AU(ppt	b)	AG A	AL(%)	AS	8	8A	81 CA(X)	CD	03	CR	CU FE(X)	K(X)	LA I	1G(X)	MN	ho na(K) NI	p	P8	S8	SN	SR	TI(X)	ป	V	W	ĭ	ZN
9157 - 1	89511 ((5	(.2	.62	(5	<2	12	(5 15.30	===== 1	5	45	5 4 57	===== በዓ	 ? 4	1 46	****	3 (()1 2	 168	14	====== 7	====== (20	 614	 {_0}	 (10	====== 12	.====== {10	====== 8	.===== 98
9157 - 2	89512	(5	(.2	1.48	(5	(2	65	(5 3.35	Ō	11	17	13 3.54	.30	16	.66	746	2 (.(01 2	1338	10	(5	(20	78	.01	(10	10	(10	ĩ	28
9157 - 3	89513	(5	(.2	.07	(5	(2	10	(\$ 8.07	Û	S	S 2	21 3.99	.02	15	1.63	2463	3 (.(2 2	205	7	5	(20	199	(.0]	(10	(1	(10	6	32
9157 - 4	89514	5	۲.2	.40	(5	(2	1421	(5 1.61	0	5	76	1 1.69	.02	(10	.20	1151	5 (,6	01 2	399	2	(5	(20	60	(.01	(10	10	(10	1	9
9157 - S	89515	5	۲.2	1.61	(5	(2	106	(5 1.75	1	12	14	12 4.83	.13	20	1.28	1133	4.0	04 2	1204	4	۲)	(20	39	.01	(10	68	(10	(1	86
9157 - 6	89516 1	10	(.2	.29	11	(2	55	(5 7.11	0	14	7	7 3.70	.16	19	.68	2101	5 (.(01 3	1611	7	5	(20	144	(.01	(10	5	(10	4	35
9157 - 7	89517 1	10	2.4	.23	(5	4	41	(5.12	1	29	66	42 4.12	.10	14	.14	100	44 (.0	01 2	424	477	۲)	(20	7	(.01	(10	3	(10	(1	63
9157 - 8	89518	(5	٤.2	.46	19	(2	86	(5 3.34	0	7	16	16 3.13	.17	12	.30	977	2 (.()1 2	1172	4	(5	(20	21	(.01	(10	7	(10	1	10
9157 - 9	89519 ((5	.2	.22	(5	{2	(5	(5 8.99	0	3	57	74 98	.01	(10	.15	2417	4 (.0)1 1	533	5	(5	(20	836	(.01	(10	7	(10	5	52
9157 -10	89520 ((5	(.2	.43	(5	(2	54	(5 9.69	0	4	66	7 1.96	.12	10	.19	2421	6.1	3 1	552	2	(5	(20	763	(.01	{10	5	(10	4	35

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CC: DAVE VISAGIE TENAJON RESOURCES CORP. BOX 030, STEWART, B.C., VOT INO

SC90/TENAJON#2

1162-

ECO-JECH LABORATORIES LTD. JUTTA JEALOUSE B.C. DERTIFIED ASSAVER

10041 EASY TRANS CANADA HWY. KAMLOOPS, B.C. V2C 233 PHONE - 604-573-5700 FAX - 604-573-4557 860 - 625 HOWE ST. VANCOUVER, B.C. V6C 2T6

OCTOBER 17, 1990

VALUES IN PPM UNLESS OTHERWISE REPORTED

PROJECT: TENAJON CAMBRIA (WIG JOE WAM) 17 ROCK SAMPLES RECEIVED OCTOBER 9, 1990

ET# C	DESCRIPTIONS	AU(ppb)	AG	AL(%)	AS	8	BA	BI CA(%)	CÐ	CO	CR	CU FE(%)	K(%)	LA MG	(%)	MN	MO NA(\$)	NI	p	P8	SB	SN	SR TI	(\$)	J	V	¥	۲ ۲	ZN
9167 -	1 89325	20	.2	.45	15	(2	(5	6 11.90		6	61	1 1.58	,03	10	.37 2	2200	4 (.01	1	327	2	{5	(20	697 (.01	(10	32	(10	6	14
9167 -	2 89326	15	(.2	.87	15	(2	68	8 2.72	1	10	62	19 4.18	.10	13	.61	643	5.03	2	787	(2	(5	(20	62 (.01	(10	34	(10	(1	43
9167 -	3 89327	25	.7	1.25	20	9	61	15 .20	1	9	30	37 6.77	.12	20	.43	118	5.05	2	2169	10	(5	(20	160 (.01	(10	34	(10	(]	18
9167 -	4 89328	20	۲.2	1.98	19	<2	27	7 9.69	3	10	17	19 4.63	.22	17 1	.52 2	2624	2 (.01	2	765	(2	(5	(20	985 (.01	(]0	32	(10	1	96
9167 -	5 89329	30	.1	1.07	30	(2	51	5 4.37	1	20	26	17 2.79	.52	13	.33 1	1274	3 (.01	3	1143	(2	(5	(20	52 (.01	(10	25	(10	4	4
9167 -	6 89330	35	.7	.35	490	10	8	15 .18	(1	9	75	7 5.61	.05	16	.08	47	39 .01	3	293	12	(5	(20	6 (.01	(10	3	(10	(1	4
91 67 -	7 89331	25	1.4	.37	70	12	37	8 .03	(1	4	S2	10 3.52	.18	13	.05	26	69 .01	1	477	19	(5	<20	5 (.01	(10	2	(10	(1	5
9167 -	8 89332	20	.4	1.27	10	12	39	8.29	1	6	26	15 3.60	.35	18	.36	186	7.02	ł	1568	(2	(5	{20	9 (.01	(10	44	(10	(1	17
9167 -	9 85751	30	5.7	.10	40	(2	47	4 6.34	1	2	119	8 1.30	.03	(10	.05 1	1651	8 (.01	1	420	101	20	(20	251 ((.01	(10	(1	(10	3	64
9167 -1	10 85752	80	7.4	.17	50	(2	60	(5 12.84	1	8	22	1075 4.40	.10	20 2	.88 3	3953	2 (.01	12	224	(2	6	(20	() ((.01	(10	3	(10	17	6
9167 -1	1 85753	20	۲.2	.75	(5	(2	(5	5 5.77	2	3	56	15 1.43	.05	10	.31 1	1561	3.09	1	927	(2	(5	(20	911 ((.01	(10	28	(10	7	72
9167 -1	2 85754	25	(.2	.21	(5	(2	5	6 14.25	1	5	1	4 7.87	.02	29 2	.15 5	5671	(1 (.01	(1	42	(2	(5	(20	215 (.01	(10	(1	(10	(1	9
9167 -1	3 85755	30	۲.2	1.92	(5	(2	97	7 1.46	1	10	35	15 3.76	.18	15	.94	874	2 .17	2	1307	(2	(5	(20	125	.01	(10	59	(10	1	55
9167 -1	4 85756	35	(.2	1.66	(5	(2	68	5.84	i	8	48	25 3.33	.11	11	.86	559	3.14	2	1040	9	(5	(20	67	.0i	(10	52	(10	{1	52
9167 -1	15 8\$757	20	(.2	2.18	(5	(2	57	10 .71	1	10	53	15 4.82	.11	13 1	.26	673	3.10	1	713	(2	(5	(20	68	.01	(10	77	(10	(1	69
9167 -1	6 85758	20	(.2	1.30	(5	(2	(5	6 5.29	1	6	56	2 3.03	.04	12	.80 1	1426	4 (.01	0	S09	(2	(5	(20	605 (10.	(10	48	()0	5	40
9167 -1	7 85759	25	۲.۷	1.36	30	(2	43	(5 5,99	1	11	37	2 3.36	.20	13	.65 1	447	5 (.01	1	758	(2	۲S	{20	599 (.01	(10	16	(10	1	31

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