

LOG NO:	NOV 22 1991	RD.
ACTION:		
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LUCKY GROUP

GEOCHEMICAL REPORT

Skeena Mining Division

NTS: 104B/1E
Latitude: 56° 12' N
Longitude: 110° 04' W

OWNER/OPERATOR: CARMAC RESOURCES LIMITED
860 - 625 Howe St.
Vancouver, B.C.
V6C 2T6

REPORT BY: David A. Visagie, B.Sc.
October 15, 1991

CMA91-410

**G E O L O G I C A L B R A N C H
A S S E S S M E N T R E P O R T**

21,822

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1.0 INTRODUCTION

The Lucky gold-silver prospect is situated in the Stewart gold camp occurring approximately two km south of the Scottie Gold mine. One day, September 19th, representing four man-days was spent on the property evaluating a gossanous zone located in the central portion of the Summit claim. As a result 15 rock chip and 82 soil samples were taken and sent for analysis.

2.0 LOCATION AND ACCESS (Figure 1)

Carmac Resources Limited's Summit property is centred at latitude $56^{\circ} 12'N$, longitude $110^{\circ} 04'W$ approximately 30 km north-northwest of the village of Stewart, B.C. The claims occur on map sheet 104B/1E.

The property is accessible by helicopter with the nearest base being at Stewart. The Granduc road passes to within 0.6 km of the eastern boundary of the Summit #1 claim.

3.0 PHYSIOGRAPHY AND VEGETATION

The property occurs on the east side of Summit mountain in an area that is dominated by snowfields (August Glacier) and steep topography. The average slope is in excess of 30° with the relief varying from 820 m to in excess of 1675 m.

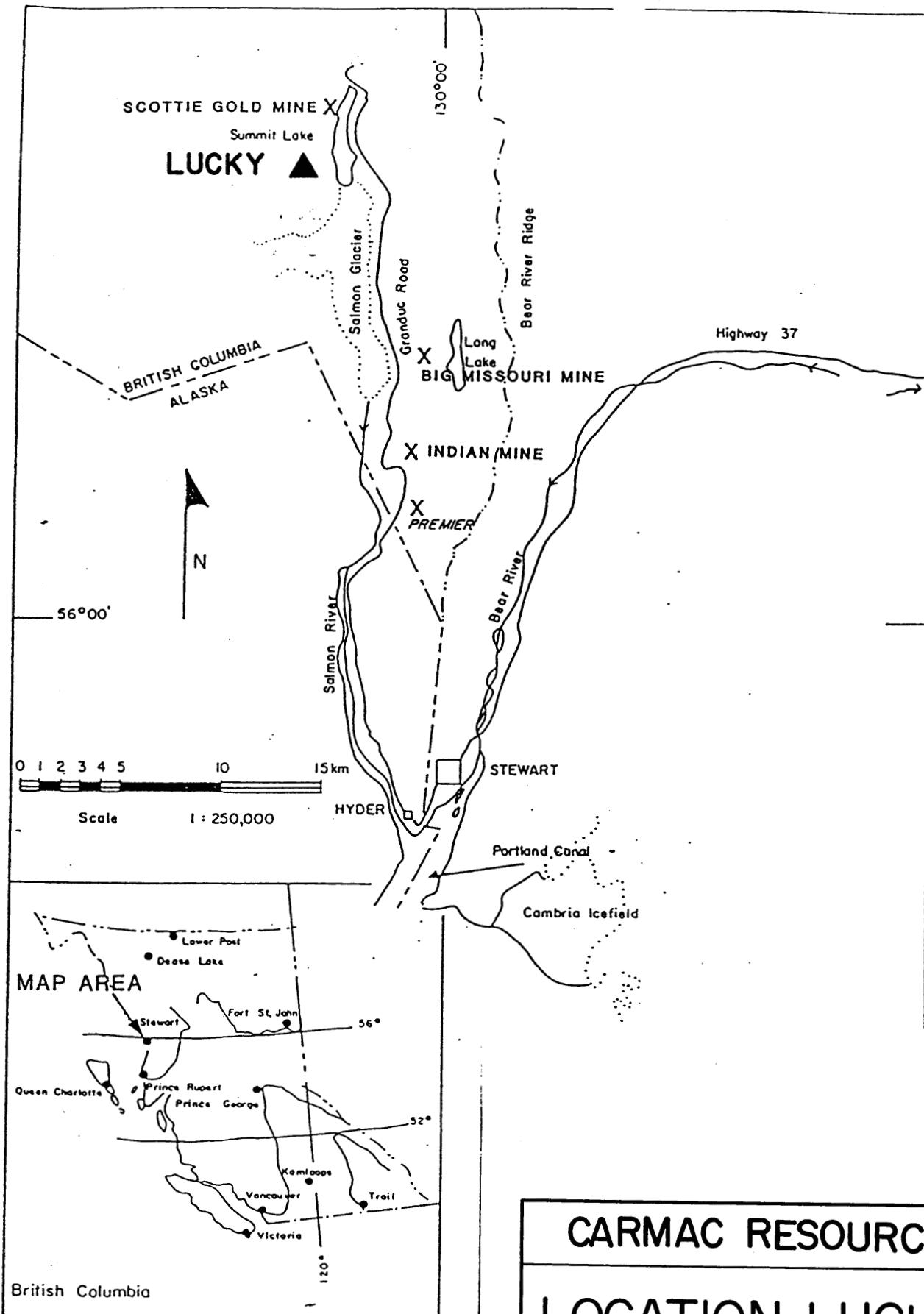
Vegetation varies with elevation with the tree line occurring at approximately 1100 m. Below 1100 m sub-alpine thickets of dwarfed western and mountain hemlock occur, while above the tree line mosses and grasses are common.

4.0 CLAIM STATUS (Figure 2)

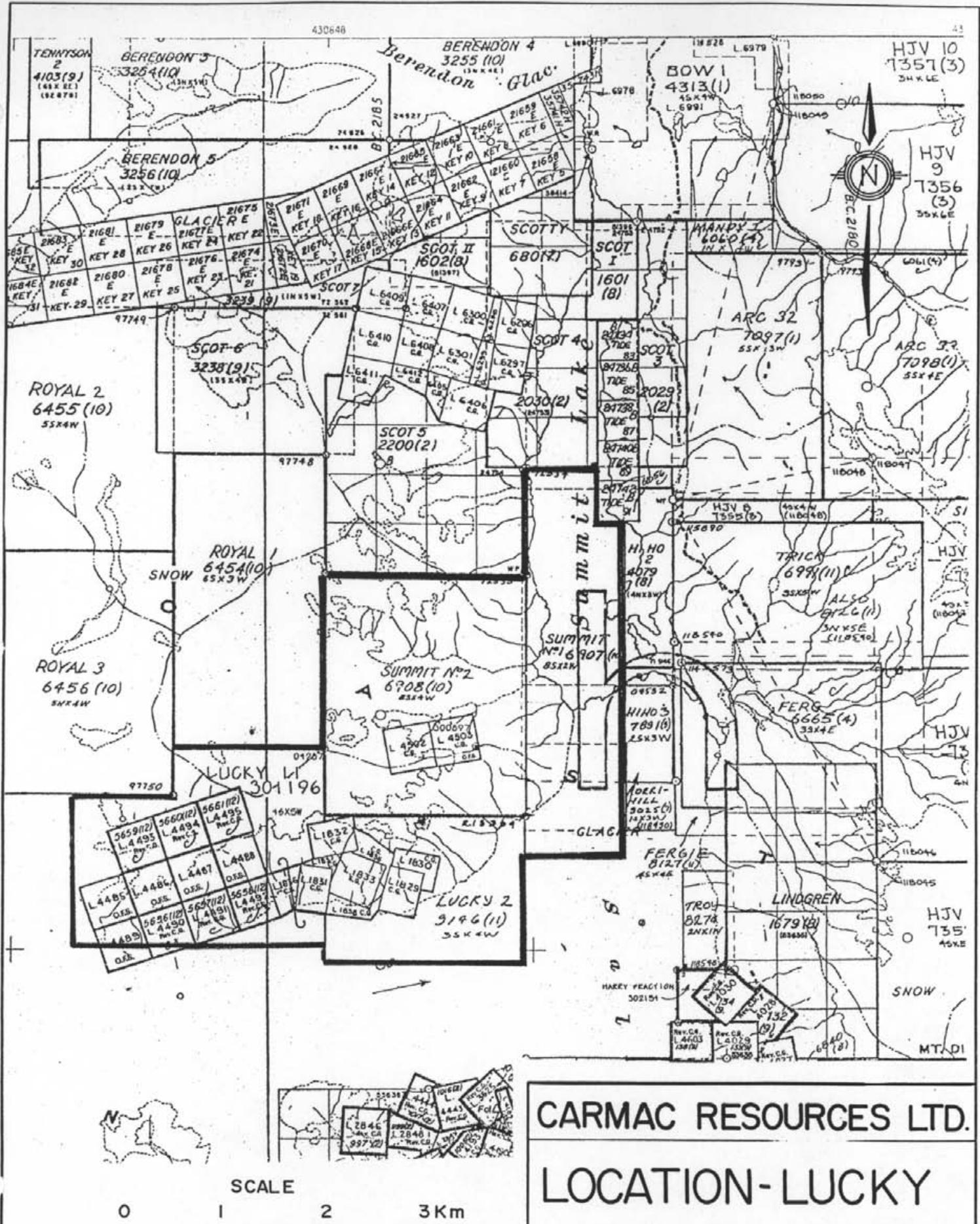
The property consists of two mineral claims as described below:

<u>Claim</u>	<u>Units</u>	<u>Record #</u>	<u>Expiry Date</u>
Summit 1	16	252224	October 9, 1992
Summit 2	20	252225	October 9, 1992
Lucky 11	20	301196	June 12, 1992
Lucky 2	12	254351	November 19, 1992

Carmac Resources Limited is the registered owner of the property and is acting as the operator.



DRAWN BY: D.V.	NTS 104 B1
DATE: APRIL/90	FIGURE NO:



CARMAC RESOURCES LTD.

LOCATION-LUCKY

DRAWN BY: D.V.

NTS 104 BI

DATE: APRIL/90

FIGURE NO:

5.0 HISTORY

There is no known record of work being completed on the Lucky property prior to Carmac acquiring the property. Extensive evaluations of the Scottie property two km to the north resulted in the discovery of the formerly producing Scottie Gold Mine.

6.0 REGIONAL GEOLOGY (Figure 3)

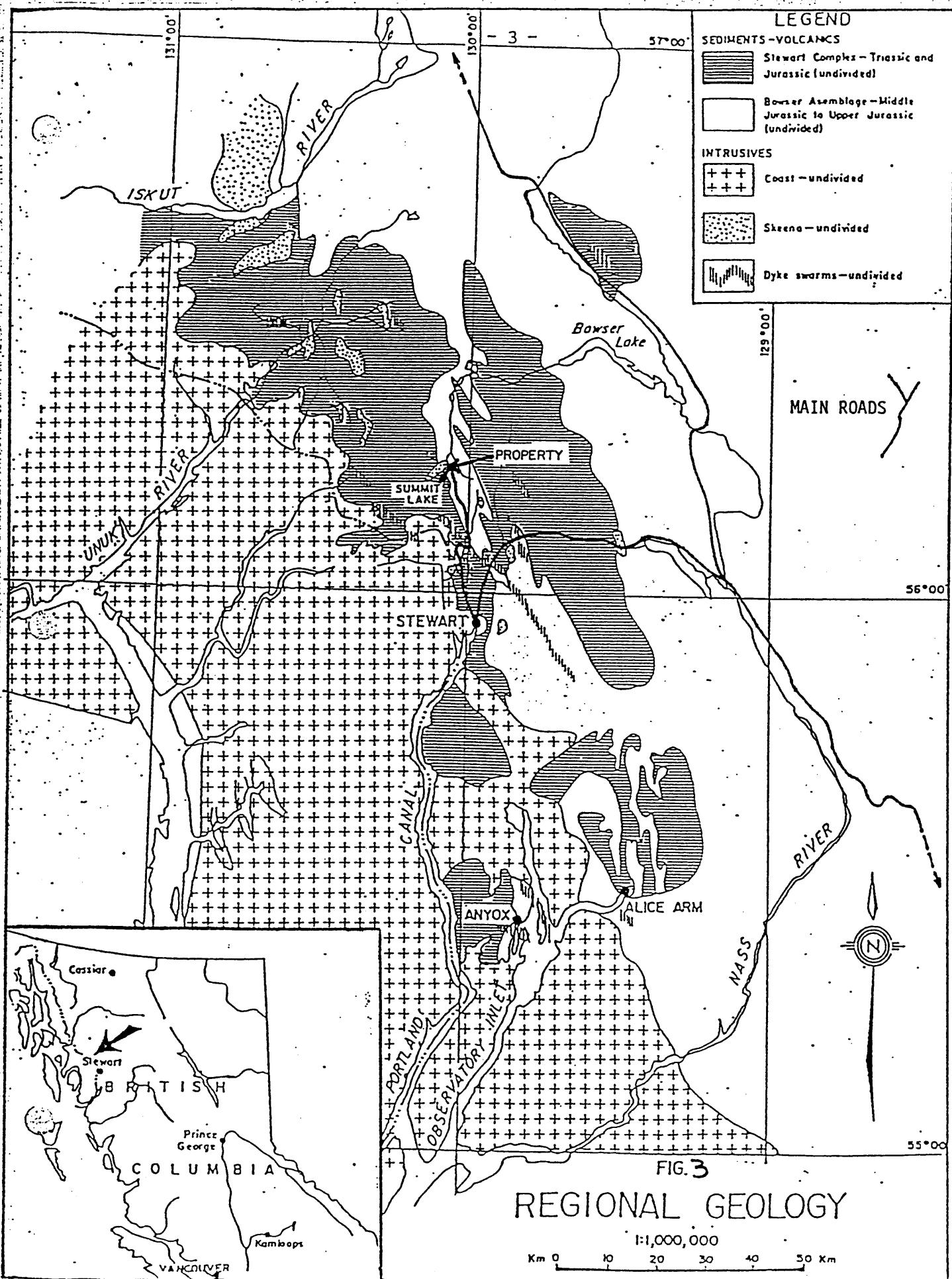
The Lucky property is situated at the eastern edge of the Coast Plutonic Complex, near the western edge of the Bowser Basin toward the northern end of the belt of rocks that Grove (1971) has called the Stewart Complex. This complex consists of an undivided group of stratified sedimentary and volcanic rocks of Upper Triassic and Jurassic age which have been intruded by marginal phases of the Coast Range intrusions of mid-Mesozoic age. The stratified rocks are composed of submarine and subaerial fragmental volcanic rocks that are interlayered with sequences of argillite, banded siltstone, greywacke, conglomerate and minor impure limestone, most of which are believed to be correlative with the Lower Jurassic Hazelton Group. Some of the lowermost members may correspond to the Upper Triassic Stuhini and King Salmon Groups which also occur in the region.

The stratified rocks have been intruded by sub-volcanic intrusives and plutonic rocks that occur from late Mesozoic to Cenozoic times. These include stocks and dykes of granodiorite, quartz monzonite, syenodiorite and feldspar porphyry, as well as Late Tertiary dykes and plugs of basalt and diorite.

These rocks are thought to represent an island arc sequence which extends from south of Stewart near Anyox, northwards for 150 km.

7.0 PROPERTY GEOLOGY

Limited mapping was completed in conjunction with the rock chip and soil sampling program. In the evaluated area, the property is underlain by the Unuk River Formation which locally consists of andesitic ash tuffs, augite porphyry sandstone and cherty argillites. Throughout the area investigated, the predominant rock type is a dark green fine grained andesitic tuff that has been strongly chloritized. Quartz-sericite-pyrite alteration surrounds quartz veins and small shears. Minor feldspar porphyry andesitic flows occur intermittently. Pyrite, up to 5%, is the predominant sulphide being disseminated throughout.



8.0 GEOCHEMISTRY

A total of 82 soil and 15 rock chip samples were taken in the course of the on day program. All locations are plotted on Figure 4 with the results for gold being plotted on Figure 5. The sample descriptions are listed in Appendix 1 while the results are located in Appendix 2.

8.1 Field Procedure

Two soil contour lines, located 200 m apart, were sampled at 25 m intervals. The soil samples were taken from the "B" horizon (generally at a depth of 15-25 cm) using a mattock, stored in kraft paper bags, dried and sent for analysis. Rock chip samples (weighing up to 5 kg) generally grabs, were taken from outcrop or float, identified, stored in plastic bags and sent for analysis. All analysis was completed by Vangeochem Lab Ltd, Vancouver B.C.

8.2 Assay Procedure

The following is an outline of the procedure for the sample analysis used by Vangeochem:

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

For the 30 element I.C.P. analysis a 10 g 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 ml with demineralized water and analyzed. The leach is partial for Al, B, Ba, Ca, Cr, Fe, K, Mg, Mn, Na, O, Sb, Tl, U, and W.

For gold determination by atomic absorption a 10 g 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 5 ppb)

For silver assay a 1/2 assay ton is fire assayed.

8.3 Results

Soil sample results show the upper line to have a series of >100 ppb Au sites, while the lower down slope to the east was generally non-anomalous.

Arsenic and zinc values form coincidental anomalies with gold and maximum values of 831 ppm and 717 ppm respectively.

Rock chip values are generally low with only two of the 15 samples assaying >20 ppb Au with the best sample, geocheming 830 ppb Au, occurring within an andesitic tuff in which narrow quartz veins are located.

9.0 SUMMARY AND CONCLUSIONS

One day, representing four man-days of labour was spent soil and rock chip sampling the south centre portion of the Summit 1 claim. Previous mapping by the GSC has shown the area to be underlain by Unuk River Formation andesitic tuffs and flows and intercalated sediments. Gossanous zones occur throughout along with minor quartz veins. Pyrite occurs throughout the host rocks in variable concentrations up to 5% while minor galena and tetrahedrite occur within quartz veins.

Two contour soil lines, located across in the area, were sampled at 25 m intervals. Results show the up slope line to contain a series of >100 ppb Au sites over a 300 m distance. Within this anomaly sample values of up to 500 ppb Au occur. Coincidental with this anomaly occurs an arsenic-zinc anomaly. Rock chip samples taken from within this anomaly returned in general low values (<20 ppb) with the best sample assaying 270 ppb being related to an area of quartz-sericite-pyrite altered fragmental tuff. The origin of the soil sample anomaly remains unexplained.

10.0 RECOMMENDATIONS

It is recommended that additional soil sampling be completed, in the vicinity along the Au soil anomaly, to determine its strike length. Prospecting and rock chip sampling should be completed with the purpose of determining the source of the anomaly.

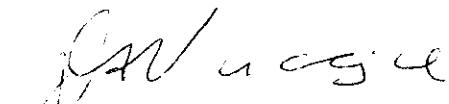
11.0 COST STATEMENT - LUCKY GROUP

1.	Labour	\$1,075.40
	B. Malahoff 1 day @ \$212/day	
	B. McDonnaugh 1 day @ \$225/day	
	A. Markus 1 day @ \$137/day	
	S. Rodway 1 day @ \$137/day	
2.	Room and Board	\$ 400.00
	4 man-days @ \$100/day	
3.	Truck Rental	\$ 75.00
	1 day @ \$75/day	
4.	Helicopter	\$1,050.00
	1.4 hours @ \$750/hour	
5.	Equipment Rental, Consumables, etc.	\$ 100.00
	sample bags, field gear, etc.	
6.	Communications	\$ 10.00
	B.C. Tel	
7.	Freighting	\$ 50.00
	moving gear, samples, etc. to Vancouver	
8.	Assaying	\$1,075.40
	82 soil samples x (\$1.25 + 3.95 + 5.50)	
	15 rock samples x (\$3.75 + 3.95 + 5.50)	
9.	Report	\$ 500.00
	Subtotal:	\$3,971.60
10.	10% Management Fee	\$ 397.16
	TOTAL:	<u>\$4,368.76</u>

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 Lucky Group was under my supervision.

Dated at Vancouver, British Columbia, this 15th day of October, 1991.


David A. Visagie

APPENDICES

APPENDIX 1 - Sample Description

**THE
NORTHAIR
GROUP**

SAMPLE DESCRIPTION

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	
Sept 1st	16635	Rock				0+25mS					nd	1.1		STRAIL. Qtz var in dark green AN-Tuff porphyritic STR. CIL. AN-T.
"	16636	"				2+75mS		FLOAT			nd	.3		STREAM Qtz flooded AN 3-5% PY
"	16637	"				3+50mS		CHIP from ok			270	1.2		STREAM STR ALTERED, Grossular 20% 5-10% Frag-tuff
"	16638	"				5+00mS		FLOAT			nd	0.1		STREAM V STR 4m 3-5% PY in Qtz Placer tuff.
"	16639	"				6+50mS		FLOAT			nd	0.2		STREAM 26 Qtz Placer Qtz. Frag-tuff to QSP 2-3% PY STR
"	16640	"				7+50mS		FLOAT			nd	1.4		Ossarium Qtz Placer Frag-tuff, STR. Grossular 3-5% PY
"	16641	"				7+50mS		CHIP from o/c			nd	2.1		STREAM Semi massive py in old Head QSP Frag-tuff, STR 14 Grade, 0%
	16642					7+50mS		FLOAT			nd	1.2		STREAM FRAG ANTHUS 10-15% PY.

APPENDIX 2 - Sample Results



MAIN OFFICE
 1630 PANDORA STREET
 VANCOUVER, B.C.
 V5L 1L6
 TEL (604) 251-5656
 FAX (604) 254-5717

BRANCH OFFICES
 BATHURST, N.B.
 RENO, NEVADA, U.S.A.

REPORT NUMBER: 910246 GA

JOB NUMBER: 910246

TEHAJON RESOURCES CORP.

PAGE 2 OF 3

SAMPLE #	Au ppb
S-09	30
S-10	nd
S-11	20
S-12	25
S-13	25
S-14	10
S-15	15
S-16	15
S-17	nd
S-18	5
S-19	nd
S-20	nd
S-22	5
S-23	nd
S-24	nd
S-25	10
S-26	5
S-27	nd
S-28	nd
S-29	nd
S-30	nd
S-31	10
S-32	5
S-33	10
S-34	5
S-35	nd
S-36	nd
S-37	nd
S-38	nd
S-39	10
S-40	nd
S-41	15
S-42	nd
S-43	nd
S-44	5
S-45	nd
-46	nd
S-47	10
S-48	nd

DETECTION LIMIT

5

nd = none detected

-- = not analysed

is = insufficient sample



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JOB NUMBER: 910246

TEMAJON RESOURCES CORP.

PAGE 3 OF 3

SAMPLE #	Au ppb
S-49	nd
S-50	nd
S-51	5
S-52	nd
S-53	5
S-54	nd
S-55	5
S-56	5
S-57	nd
S-58	nd

DETECTION LIMIT

nd = none detected

5

-- = not analysed

is = insufficient sample



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REPORT NUMBER: 910246 OA

JOB NUMBER: 910246

TENAJON RESOURCES CORP.

PAGE 1 OF 3

SAMPLE #	Au ppb
A-001	35
A-002	70
A-003	55
A-004	25
A-005	55
A-006	95
A-007	70
A-008	55
A-009	75
A-010	55
A-011	40
A-012	110
A-013	165
A-014	500
A-015	365
A-016	55
A-017	nd
A-018	220
A-019	110
A-020	65
A-021	20
A-022	55
A-023	105
A-024	310
A-025	565
A-026	205
A-027	265
A-028	60
A-029	20
A-030	40
A-031	nd
S-01	5
S-02	nd
S-03	5
S-04	5
S-05	5
S-06	5
S-07	nd
S-08	5

DETECTION LIMIT

5

nd = none detected

-- = not analysed

is = insufficient sample



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BRANCH OFFICES
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RENO, NEVADA, U.S.A.

REPORT NUMBER: 910245 GL

JOB NUMBER: 910245

TEHAJON RESOURCES CORP.

PAGE 1 OF 1

SAMPLE #	Au ppb
5951	nd
5952	nd
5953	20
5955	20
5956	nd
5957	nd
5958	830
16635	nd
16636	nd
16637	270
16638	nd
16639	nd
16640	nd
16641	nd
16642	20



MAIN OFFICE
1630 PANDORA STREET
VANCOUVER, B.C.
V5L 1L6
TEL (604) 251-5656
FAX (604) 254-5717

BRANCH OFFICES
BATHURST, N.B.
RENO, NEVADA, U.S.A.

REPORT NUMBER: 910245 AA

JOB NUMBER: 910245

TENAJON RESOURCES CORP.

PAGE 1 OF 1

SAMPLE #

Ag
oz/st

5953

3.85

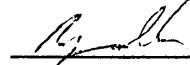
DETECTION LIMIT 0.01
1 Troy oz/short ton = 34.29 ppm 1 ppm = 0.0001 % ppm = parts per million < = less than

signed:

A handwritten signature in black ink, appearing to read 'Fayle' or 'Fayle L'.

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: 

REPORT #: 910246 PA	TENAJON RESOURCES CORP.										PROJECT: None Given										DATE IN: SEPT 30 1991			DATE OUT: OCT 04 1991			ATTENTION: MR. FRED HEWETT						PAGE 1 OF 3			
Sample Name	Ag	Al	As	#Au	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Sn	Sr	U	W	Zn										
I-001	2.0	1.04	211	35	34	22	0.33	1.8	22	24	106	3.57	0.16	0.79	850	4	<0.01	13	0.02	53	<2	<2	16	<5	<3	136										
I-002	1.8	1.18	214	70	36	<3	0.28	<0.1	24	23	121	4.14	0.20	0.94	947	8	0.02	4	0.02	62	<2	<2	13	<5	<3	112										
I-003	2.2	1.18	209	55	36	<3	0.27	<0.1	28	23	134	4.38	0.19	0.92	1043	4	<0.01	10	0.02	55	<2	<2	14	<5	<3	129										
I-004	0.9	1.10	63	25	32	8	0.36	<0.1	17	14	65	3.08	0.15	0.92	696	<1	0.02	11	0.02	16	<2	<2	16	<5	<3	90										
I-005	1.6	1.29	132	55	38	<3	0.37	<0.1	24	22	103	4.00	0.19	1.06	940	<1	0.04	11	0.02	46	13	<2	18	<5	<3	114										
I-006	2.3	1.31	266	95	36	8	0.28	<0.1	33	27	158	5.04	0.20	0.97	1252	12	0.01	9	0.02	59	<2	<2	15	<5	<3	135										
I-007	1.8	1.24	164	70	44	20	0.36	<0.1	22	31	96	3.73	0.17	1.03	914	<1	0.02	4	0.02	42	9	<2	17	<5	<3	111										
I-008	1.6	1.31	167	55	39	<3	0.30	<0.1	23	39	103	3.78	0.18	1.09	1001	8	0.01	2	0.02	27	<2	<2	14	<5	<3	96										
I-009	2.0	1.29	189	75	47	<3	0.26	<0.1	21	28	113	3.85	0.17	1.06	968	5	0.01	<1	0.02	47	<2	<2	11	<5	<3	96										
I-010	1.2	1.18	66	55	39	<3	0.35	0.1	20	34	69	3.29	0.19	1.06	759	<1	0.03	3	0.02	25	12	<2	13	<5	<3	72										
I-011	1.3	1.11	161	40	40	30	0.30	<0.1	18	27	66	3.15	0.16	0.99	781	5	0.03	<1	0.02	32	8	6	12	<5	<3	80										
I-012	3.1	1.51	774	110	46	25	0.22	<0.1	47	25	214	6.40	0.28	0.87	2261	15	0.01	8	0.02	142	5	<2	14	<5	<3	210										
I-013	3.4	1.21	381	165	40	19	0.27	<0.1	35	17	195	5.66	0.22	0.82	1448	21	0.01	4	0.02	104	<2	<2	13	<5	<3	179										
I-014	1.6	1.78	157	500	21	<3	0.16	<0.1	79	66	289	8.96	0.36	1.32	1715	9	0.01	11	0.02	77	<2	8	16	<5	<3	232										
I-015	0.9	1.71	179	365	64	<3	0.14	6.5	68	23	237	8.24	0.34	0.94	1575	23	<0.01	32	0.02	53	3	<2	12	<5	<3	717										
I-016	2.7	1.17	359	55	45	31	0.31	<0.1	31	21	189	5.23	0.22	0.85	1291	18	0.02	12	0.02	71	<2	<2	16	<5	<3	195										
I-017	1.6	1.22	129	<5	46	<3	0.40	<0.1	20	37	85	3.70	0.18	1.06	905	<1	0.04	11	0.02	31	<2	<2	19	<5	<3	109										
I-018	5.0	1.33	780	220	48	25	0.20	<0.1	43	20	253	6.90	0.28	0.78	1607	33	0.01	5	0.02	147	<2	3	12	<5	<3	203										
I-019	3.4	1.21	413	110	46	29	0.20	<0.1	35	29	183	5.65	0.25	0.86	1445	18	0.03	<1	0.02	114	10	<2	12	<5	<3	182										
I-020	2.0	1.17	233	65	34	<3	0.22	<0.1	29	23	129	4.78	0.23	0.89	1003	12	0.02	3	0.02	65	<2	<2	12	<5	<3	102										
I-021	1.6	1.21	154	20	43	21	0.32	<0.1	21	55	80	3.54	0.21	1.09	988	3	0.02	15	0.01	36	7	3	15	<5	<3	93										
I-022	1.6	1.21	129	55	39	5	0.29	<0.1	18	32	89	3.53	0.18	1.02	868	7	0.01	<1	0.02	27	<2	8	14	<5	<3	85										
I-023	1.8	1.33	195	105	51	<3	0.33	<0.1	23	40	113	4.38	0.25	1.08	1038	10	0.03	<1	0.02	44	<2	<2	17	<5	<3	134										
I-024	2.8	1.42	616	310	48	16	0.17	<0.1	46	22	284	7.06	0.31	0.94	1819	46	0.02	<1	0.02	95	<2	<2	10	<5	<3	210										
I-025	3.3	1.37	831	565	52	12	0.16	<0.1	49	16	379	7.78	0.33	0.92	2206	54	<0.01	3	0.02	87	<2	<2	10	<5	<3	303										
I-026	3.8	2.83	794	205	82	22	0.41	<0.1	94	74	953	>10	0.59	1.97	3879	153	<0.01	28	0.04	158	<2	18	24	<5	<3	412										
I-027	2.4	1.48	138	265	44	34	0.31	<0.1	43	81	295	7.20	0.31	1.10	1483	43	0.02	11	0.04	65	12	<2	18	<5	<3	109										
I-028	3.9	1.20	375	60	32	8	0.21	<0.1	35	41	162	5.50	0.25	0.85	1500	6	<0.01	11	0.02	146	<2	<2	13	<5	<3	180										
I-029	1.5	1.19	135	20	39	14	0.25	<0.1	23	21	100	4.18	0.25	0.94	1013	7	0.02	<1	0.02	48	8	8	14	<5	<3	98										
I-030	1.8	1.04	208	40	44	<3	0.12	<0.1	25	23	130	6.17	0.28	0.67	652	13	0.02	<1	0.02	39	8	<2	9	<5	<3	70										
I-031	1.2	1.36	88	<5	44	23	0.26	0.8	39	38	114	4.08	0.24	1.16	957	<1	0.02	3	0.02	42	<2	<2	8	<5	<3	98										
I-032	2.1	1.54	271	5	115	<3	0.31	<0.1	36	<1	255	7.64	0.36	0.97	9146	<1	<0.01	29	0.01	33	<2	<2	17	<5	<3	235										
I-033	1.7	1.45	63	<5	37	14	0.44	<0.1	24	3	63	4.01	0.23	1.15	1362	<1	0.01	10	0.02	18	<2	<2	18	<5	<3	130										
I-034	1.0	1.38	129	5	37	<3	0.43	<0.1	19	1	42	3.58	0.21	1.14	1075	<1	0.02	<1	0.02	13	<2	<2	18	<5	<3	111										
I-035	0.9	1.26	107	5	41	36	0.39	<0.1	17	<1	38	3.47	0.22	0.95	972	<1	0.02	<1	0.02	13	8	3	18	<5	<3	105										
I-036	1.1	1.30	76	5	37	<3	0.39	<0.1	19	<1	44	3.60	0.22	1.01	835	<1	0.02	<1	0.02	27	<2	<2	22	<5	<3	113										
I-037	1.0	1.41	57	5	49	37	0.52	<0.1	21	7	56	3.41	0.26	1.13	946	<1	0.03	3	0.02	16	<2	<2	23	<5	<3	109										
I-038	0.5	1.41	47	<5	45	<3	1.10	<0.1	20	24	51	3.49	0.28	1.23	928	<1	0.02	11	0.02	6	<2	<2	15	<5	<3	85										
I-039	1.2	1.48	94	5	43	12	0.30	<0.1	20	12	47	3.64	0.22	1.13	1610	<1	0.02	5	0.02	43	2	<2	10	<5	<3	67										
Minimum Detection	0.1	0.01	3	5	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	10000	1000	1000	10.00	1000.0	20000	1000	20000	10.00	10.00	10.00	10000	1000	10.00	20000	10.00	20000	2000	2000	1000	10000	100	1000	20000									
< - Less Than Minimum	> - Greater Than Maximum is - Insufficient Sample ns - No Sample *Au Analysis Done By Aqua Regia Digestion / Solvent Extraction / AAS.																																			

ICAP GEOCHEMICAL ANALYSIS

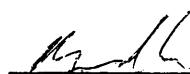
A .5 gram sample is digested with 5 ml of 3:1:2 HCl to HNO₃ to H₂O at 95 °C for 90 minutes and is diluted to 10 ml with water.
This leach is partial for Al, Ba, Ca, Cr, Fe, K, Mg, Mn, Na, P, Sn, Sr and W.

ANALYST: 

REPORT #: 910246 PA	TENAJON RESOURCES CORP.								PROJECT: None Given								DATE IN: SEPT 30 1991								DATE OUT: OCT 04 1991								PAGE 2 OF 3			
Sample Name	Ag ppm	Al %	As ppm	+Au ppb	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr %	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										
S-09	1.1	1.40	110	30	35	6	0.25	<0.1	12	<1	50	3.52	0.12	0.87	700	<1	0.02	<1	0.01	26	<2	<2	13	<5	<3	132										
S-10	0.6	1.45	41	<5	52	<3	0.82	<0.1	19	<1	54	3.23	0.15	1.38	859	<1	0.02	<1	0.02	13	<2	<2	29	<5	<3	100										
S-11	2.0	1.35	217	20	42	<3	0.30	<0.1	21	<1	73	4.21	0.17	1.07	1271	<1	0.02	<1	0.01	70	<2	<2	14	<5	<3	145										
S-12	1.5	1.37	145	25	45	<3	0.43	<0.1	17	<1	54	3.74	0.14	1.12	1057	<1	0.01	<1	0.01	34	<2	<2	17	<5	<3	109										
S-13	1.7	1.25	164	25	45	<3	0.28	<0.1	19	<1	62	4.04	0.16	0.99	1185	<1	0.01	<1	0.01	51	<2	<2	11	<5	<3	153										
S-14	1.0	1.54	47	10	44	<3	0.48	<0.1	14	<1	36	3.62	0.15	1.21	907	<1	0.01	<1	0.01	5	<2	<2	21	<5	<3	86										
S-15	1.4	1.37	93	15	47	<3	0.35	<0.1	16	<1	51	3.83	0.19	1.08	927	<1	0.02	<1	0.01	31	<2	<2	19	<5	<3	100										
S-16	1.2	1.32	107	15	52	<3	0.74	<0.1	16	<1	49	3.30	0.14	1.10	808	<1	0.01	<1	0.01	26	<2	<2	25	<5	<3	89										
S-17	0.7	1.34	13	<5	44	<3	0.97	<0.1	20	<1	58	3.21	0.17	1.33	745	<1	0.03	<1	0.02	<2	<2	<2	32	<5	<3	78										
S-18	0.9	1.21	38	5	54	<3	0.54	<0.1	14	<1	43	2.98	0.15	0.98	762	<1	0.02	<1	0.02	30	<2	<2	21	<5	<3	83										
S-19	1.1	1.23	35	<5	57	<3	0.54	<0.1	15	<1	45	3.01	0.14	1.01	830	<1	0.03	<1	0.02	13	<2	<2	26	<5	<3	89										
S-20	0.8	1.30	60	<5	63	<3	0.68	<0.1	15	<1	45	3.18	0.15	1.07	789	<1	0.02	<1	0.02	<2	<2	<2	21	<5	<3	67										
S-22	1.1	1.31	28	5	58	16	0.93	<0.1	18	<1	56	3.26	0.16	1.27	808	<1	0.03	<1	0.01	<2	<2	<2	30	<5	<3	63										
S-23	1.3	1.09	25	<5	52	<3	1.16	<0.1	19	<1	57	3.28	0.18	1.06	798	<1	0.02	<1	0.02	14	<2	<2	30	<5	<3	63										
S-24	1.2	1.25	79	<5	56	6	0.53	<0.1	16	<1	39	3.04	0.13	1.13	831	<1	0.04	<1	0.01	18	<2	<2	22	<5	<3	70										
S-25	1.3	0.97	50	10	46	<3	0.43	<0.1	15	<1	73	2.65	0.14	0.83	1090	<1	0.03	<1	0.01	105	<2	<2	18	<5	<3	115										
S-26	1.3	1.09	47	5	44	<3	0.54	0.6	16	<1	67	2.91	0.15	1.02	897	<1	0.02	<1	0.02	33	<2	<2	21	<5	<3	139										
S-27	0.8	1.19	34	<5	64	<3	0.65	<0.1	14	<1	47	2.86	0.16	0.99	818	<1	0.02	<1	0.02	28	<2	<2	24	<5	<3	93										
S-28	0.6	1.10	19	<5	57	<3	0.70	<0.1	12	<1	38	2.53	0.13	0.94	708	<1	0.01	<1	0.01	7	<2	<2	26	<5	<3	77										
S-29	1.5	1.20	50	<5	47	<3	0.49	<0.1	16	<1	50	3.03	0.12	1.10	1009	<1	0.03	<1	0.01	36	<2	<2	19	<5	<3	130										
S-30	0.8	1.19	38	<5	66	<3	0.84	<0.1	12	<1	52	2.67	0.14	0.99	789	<1	0.03	<1	0.02	10	<2	<2	29	<5	<3	84										
S-31	1.5	1.27	50	10	56	<3	0.51	<0.1	16	<1	60	3.00	0.15	1.12	945	<1	0.04	<1	0.02	49	<2	<2	22	<5	<3	114										
S-32	0.8	1.25	19	5	68	<3	0.71	0.3	15	<1	54	2.93	0.18	1.04	793	<1	0.04	<1	0.02	21	<3	<2	34	<5	<3	109										
S-33	0.8	1.28	33	10	63	<3	0.81	0.7	15	<1	54	2.97	0.18	1.04	778	<1	0.04	<1	0.02	10	<2	<2	31	<5	<3	90										
S-34	1.1	1.31	44	5	52	15	0.52	<0.1	17	<1	62	3.43	0.18	1.14	983	<1	0.03	<1	0.02	30	<2	<2	21	<5	<3	104										
S-35	1.0	1.42	50	<5	52	<3	0.60	<0.1	18	<1	60	3.33	0.18	1.28	969	<1	0.04	<1	0.02	18	<2	<2	23	<5	<3	124										
S-36	1.2	1.33	19	<5	54	22	0.56	<0.1	15	<1	60	3.21	0.15	1.22	971	<1	0.01	<1	0.02	15	<2	<2	25	<5	<3	129										
S-37	1.1	1.28	28	<5	71	<3	0.68	<0.1	15	<1	58	3.08	0.17	1.13	914	<1	0.01	<1	0.02	14	<2	<2	24	<5	<3	104										
S-38	0.9	1.34	25	<5	56	<3	0.86	<0.1	17	<1	62	3.17	0.18	1.19	960	<1	0.04	<1	0.02	12	<2	<2	26	<5	<3	123										
S-39	1.0	1.32	35	10	63	23	0.62	<0.1	14	<1	57	2.97	0.15	1.12	872	<1	0.02	<1	0.02	15	<2	<2	28	<5	<3	137										
S-40	1.0	1.32	25	<5	65	<3	0.92	<0.1	14	<1	56	3.01	0.16	1.12	865	<1	0.04	<1	0.02	27	<2	<2	31	<5	<3	112										
S-41	0.9	1.33	28	15	55	<3	1.22	<0.1	16	<1	54	3.05	0.22	1.16	931	<1	0.02	<1	0.02	29	<2	<2	35	<5	<3	131										
S-42	1.6	1.42	<3	<5	79	<3	1.17	0.9	16	<1	50	3.03	0.22	1.22	847	<1	0.03	<1	0.02	22	<2	<2	44	<5	<3	100										
S-43	0.7	1.35	19	<5	64	<3	0.98	<0.1	13	<1	45	2.96	0.19	1.12	753	<1	0.03	<1	0.02	<2	<2	<2	37	<5	<3	80										
S-44	0.9	1.72	30	5	87	<3	0.94	0.3	20	<1	62	3.99	0.26	1.47	1163	<1	0.02	<1	0.02	4	<2	<2	31	<5	<3	111										
S-45	0.8	1.46	22	<5	89	<3	0.76	<0.1	14	<1	45	3.18	0.20	1.18	891	<1	0.03	<1	0.02	5	<2	<2	30	<5	<3	88										
S-46	1.1	1.29	28	<5	56	<3	1.30	<0.1	20	<1	102	3.18	0.24	1.16	828	<1	0.05	<1	0.02	5	<2	<2	44	<5	<3	97										
S-47	0.9	1.44	12	10	59	5	1.18	<0.1	17	<1	50	3.13	0.20	1.30	785	<1	0.03	<1	0.02	15	<2	<2	30	<5	<3	73										
S-48	0.9	1.40	<3	<5	63	<3	0.96	<0.1	16	<1	49	3.17	0.19	1.23	887	<1	0.03	<1	0.02	<2	<2	<2	30	<5	<3	62										
Minimum Detection	0.1	0.01	3	5	1	3	0.01	0.1	1	1	1	0.01	0.01	0.01	1	1	0.01	0.01	2	2	2	1	5	3	1											
Maximum Detection	50.0	10.00	2000	10000	1000	1000	10.00	1000.0	20000	1000	20000	10.00	10.00	10.00	1000	1000	10.00	10.00	20000	2000	1000	10000	100	1000	20000											
< - Less Than Minimum	> - Greater Than Maximum	is - Insufficient Sample	ns - No Sample	*Au Analysis Done By Aqua Regia Digestion / Solvent Extraction / AAS.																																

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: 

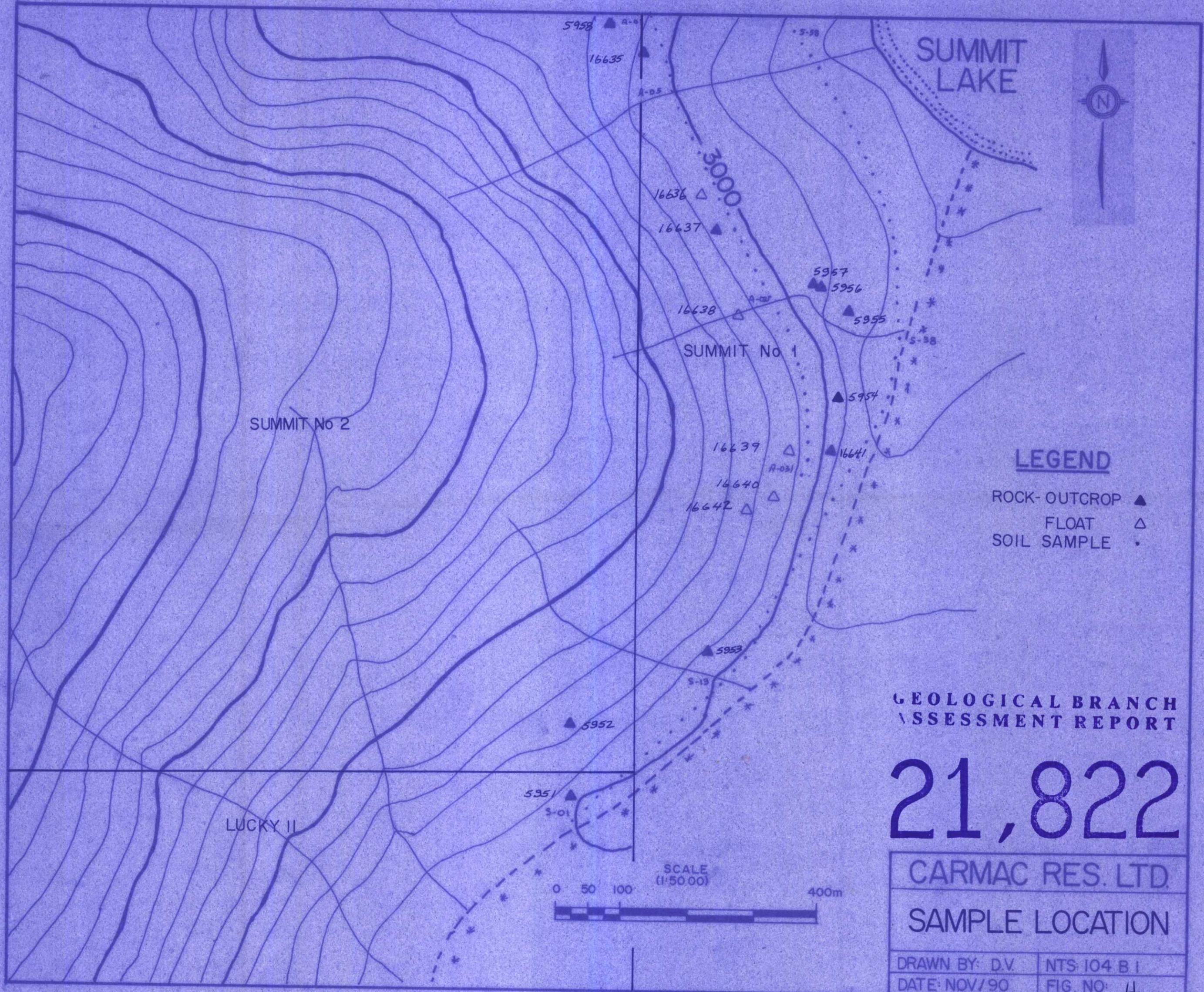
REPORT #: 910246 PA	TENAJON RESOURCES CORP.					PROJECT: None Given					DATE IN: SEPT 30 1991			DATE OUT: OCT 04 1991			ATTENTION: MR. FRED HEWETT						PAGE 3 OF 3			
Sample Name	Ag	Al	As	%Au	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	K	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Sn	Sr	U	W	Zn
-49	0.6	1.30	22	<5	50	<3	0.86	1.1	17	<1	61	3.05	0.15	1.10	771	<1	0.02	<1	0.02	<2	<2	<2	32	<5	<3	103
-50	0.7	1.13	24	<5	62	<3	1.35	<0.1	14	<1	49	2.68	0.18	0.95	696	<1	0.02	<1	0.02	18	<2	<2	43	<5	<3	74
-51	0.5	1.29	9	5	78	<3	1.94	0.4	14	<1	48	2.66	0.20	0.99	705	<1	0.04	<1	0.02	<2	<2	<2	42	<5	<3	61
-52	0.6	1.27	54	<5	62	<3	1.07	<0.1	13	<1	47	2.90	0.12	1.00	718	<1	0.02	<1	0.02	<2	<2	<2	38	<5	<3	65
-53	0.5	1.26	13	5	95	<3	1.23	<0.1	18	<1	59	3.18	0.16	0.99	718	<1	0.03	<1	0.02	<2	<2	<2	43	<5	<3	86
-54	0.4	1.25	19	<5	45	<3	1.04	<0.1	19	<1	51	3.10	0.14	1.10	724	<1	0.03	<1	0.02	<2	<2	<2	30	<5	<3	60
-55	0.5	1.40	<3	5	33	<3	1.26	<0.1	20	<1	56	3.30	0.18	1.34	773	<1	0.02	<1	0.02	4	<2	<2	32	<5	<3	80
-56	0.4	1.45	41	5	45	<3	1.21	<0.1	22	<1	56	3.39	0.18	1.35	762	<1	0.04	<1	0.02	<2	<2	<2	37	<5	<3	64
-57	0.4	1.37	9	<5	41	<3	1.12	<0.1	20	<1	55	3.19	0.19	1.29	760	<1	0.04	<1	0.02	<2	<2	<2	36	<5	<3	63
-58	0.6	1.36	22	<5	37	<3	1.11	<0.1	20	<1	52	3.23	0.17	1.24	726	<1	0.02	<1	0.02	6	<2	<2	32	<5	<3	63
Minimum Detection	0.1	0.01	3	5	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	10000	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					#Au Analysis Done By Aqua Regia Digestion / Solvent Extraction / AAS.										

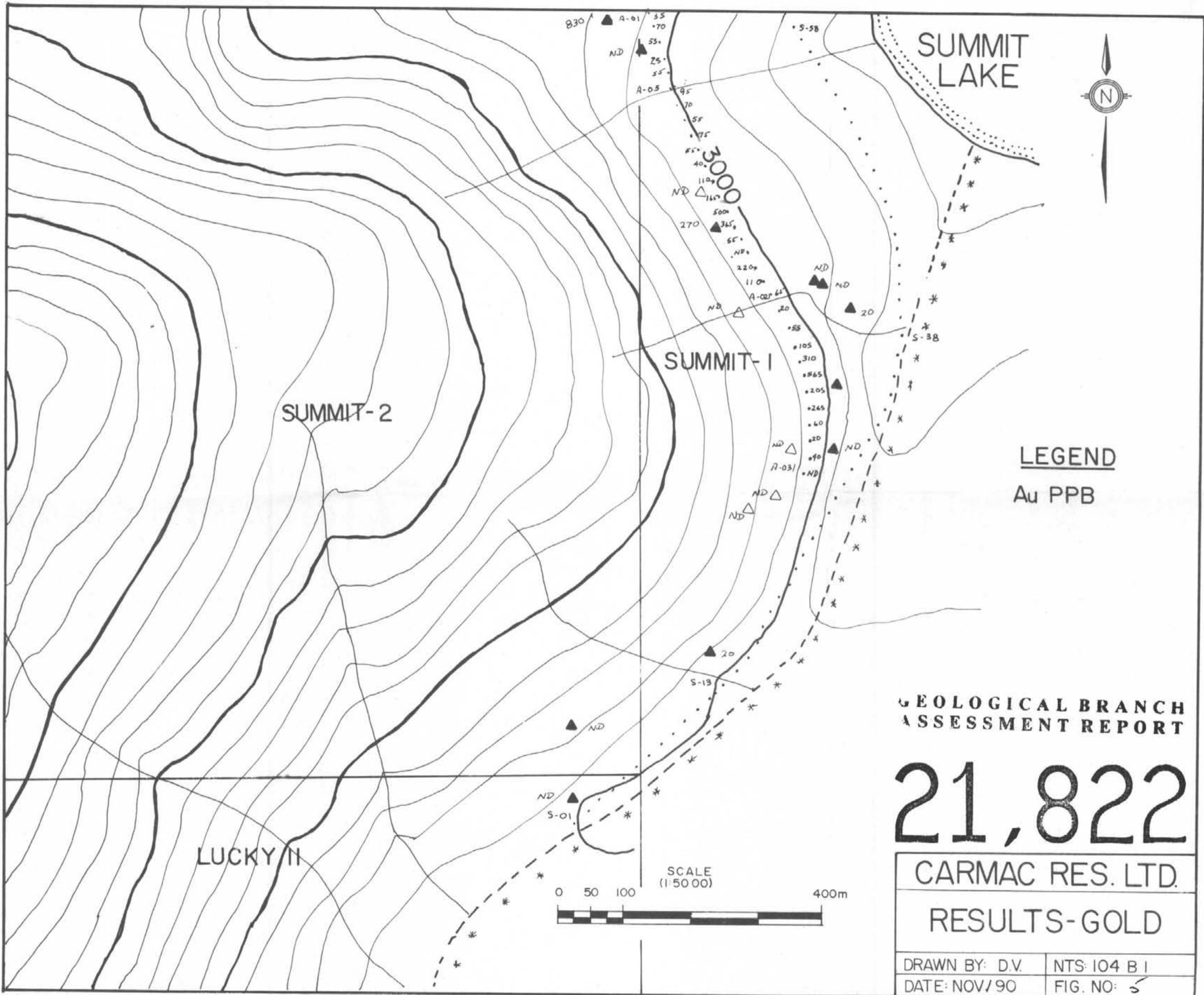
ICAP GEOCHEMICAL ANALYSIS

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 #: 910245 PA	TENAJON RESOURCES CORP.								PROJECT: None Given								DATE IN: SEPT 30 1991				DATE OUT: OCT 3 1991				ATTENTION: MR. FRED HEWETT				PAGE 1 OF 1			
Sample Name	Ag ppm	Al %	As ppm	Au ppb	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						
951	<0.1	1.79	<3	<5	47	16	0.38	4.1	18	29	43	3.85	0.19	1.43	1230	<1	0.03	7	0.02	<2	<2	<2	14	<5	<3	118						
952	<0.1	1.54	<3	<5	94	<3	1.13	0.8	20	2	22	3.19	0.21	1.04	1650	<1	0.01	2	0.02	<2	<2	<2	21	<5	<3	50						
953	>50	0.25	64	20	47	<3	1.39	37.6	15	<1	1574	3.16	0.20	0.20	1577	<1	<0.01	7	0.02	287	545	<2	67	<5	<3	3282						
955	2.7	0.11	390	20	18	27	0.19	<0.1	4	4	55	2.73	0.10	0.02	109	<1	0.02	3	<0.01	17	24	<2	5	<5	<3	105						
956	1.7	0.21	47	<5	13	28	0.16	2.7	14	167	29	2.69	0.12	0.06	72	<1	0.01	15	0.01	20	16	<2	6	<5	<3	39						
957	1.0	0.16	53	<5	40	20	0.04	1.8	12	110	13	1.68	0.10	0.02	23	<1	0.05	<1	0.01	28	14	<2	5	<5	<3	8						
958	6.5	0.20	802	830	9	17	0.04	<0.1	14	4	43	6.59	0.22	0.02	23	<1	<0.01	13	<0.01	300	3	<2	2	<5	<3	587						
6635	<0.1	0.26	<3	<5	23	<3	2.63	1.3	4	19	3	0.92	0.20	0.12	433	<1	0.03	1	<0.01	34	5	<2	95	<5	<3	30						
6636	0.3	0.60	<3	<5	38	<3	0.36	<0.1	16	3	45	1.65	0.10	0.30	136	<1	0.02	2	0.02	<2	<2	7	<5	<3	<3	25						
6637	1.2	0.31	<3	270	14	7	0.12	<0.1	16	31	26	4.91	0.23	0.17	149	<1	0.04	<1	0.01	14	10	<2	6	<5	<3	45						
6638	0.1	1.21	25	<5	17	16	0.69	3.0	11	61	19	3.22	0.22	0.62	739	9	0.03	6	0.01	15	3	<2	46	<5	<3	77						
6639	0.2	0.46	<3	<5	32	<3	0.30	2.7	10	5	36	1.54	0.14	0.36	127	16	0.04	5	0.02	<2	11	<2	8	<5	<3	15						
6640	1.4	0.34	8	<5	18	21	0.14	1.2	13	16	20	3.71	0.17	0.18	130	4	0.03	10	0.01	13	13	<2	5	<5	<3	9						
6641	2.1	0.31	<3	<5	25	<3	0.13	1.3	4	118	18	2.70	0.15	0.17	145	2	0.02	4	0.01	230	20	<2	6	<5	<3	66						
6642	1.2	0.19	38	20	5	<3	0.04	1.0	12	74	23	>10	0.39	0.03	27	<1	<0.01	6	0.01	19	18	<2	3	<5	<3	16						
Minimum Detection	0.1	0.01	3	5	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	10000	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								#Au Analysis Done By Fire Assay Concentration / AAS Finish.															





**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

21,822

CARMAC RES. LTD.

RESULTS-GOLD

DRAWN BY: D.V. NTS: 104 B I
DATE: NOV/90 FIG. NO: 5