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LOG NO: JAN 23  
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FILE NO:

COMMONWEALTH GOLD CORPORATION  
GEOCHEMICAL ASSESSMENT REPORT  
ON THE  
YEOWARD 1-16 CLAIMS

82L/1W 118° 5' LONGITUDE 50° 08' LATITUDE  
VERNON MINING DIVISION, BRITISH COLUMBIA

WRITTEN BY  
MICHAEL P. TWYMAN, BSc., F.G.A.C  
CONSULTANT GEOLOGIST  
DECEMBER 15, 1990

SUB-RECORDER  
RECEIVED  
JUL 31 1991  
M.R. # ..... \$ .....  
VANCOUVER, B.C.

*2552*

21592



Province of British Columbia

Ministry of Energy, Mines and Petroleum Resources

ASSESSMENT REPORT TITLE PAGE AND SUMMARY

TYPE OF REPORT/SURVEY(S) GEOLOGICAL	TOTAL COST \$5,420
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AUTHOR(S) Michael P. Twyman..... SIGNATURE(S) [Signature]

DATE STATEMENT OF EXPLORATION AND DEVELOPMENT FILED 3/17/1991..... YEAR OF WORK 90

PROPERTY NAME(S) Yeoward 1-16 Claims.....

COMMODITIES PRESENT Au, Ag..... lb

B.C. MINERAL INVENTORY NUMBER(S), IF KNOWN 82L SE 10, 22, 39.....

MINING DIVISION Vernon..... NTS 82L/1W. ✓

LATITUDE 50° 08' 07"..... LONGITUDE 118° 5' 26".....

NAMES and NUMBERS of all mineral tenures in good standing (when work was done) that form the property [Examples: TAX 1-4, FIRE 2 (12 units); PHOENIX (Lot 1706); Mineral Lease M 123; Mining or Certified Mining Lease ML 12 (claims involved)]:

Yeoward 1-16 [255 Units in total].....

OWNER(S) (1) D. M. Jenkins..... (2)

MAILING ADDRESS 525 - 890 W Pender St. Vancouver, B.C. V6C 1J9

OPERATOR(S) (that is, Company paying for the work) (1) Commonwealth Gold..... (2)

MAILING ADDRESS 1700 - 355 Burrard St. Vancouver, B.C. V6C 2G8

SUMMARY GEOLOGY (lithology, age, structure, alteration, mineralization, size, and attitude): Permian-Triassic(?) rocks comprised of massive limestone grading into calcareous pelitic rocks. These are overlain by an argillite unit consisting of a mixed sequence of sedimentary rocks... A massive andesite to dacite volcanic unit is the third mappable unit... Precious metal mineralization consisting of Au, Ag, galena, stibnite, pyrite, sphalerite, tetrahedrite occurs in quartz stockworks.

REFERENCES TO PREVIOUS WORK Daughtry, K.L., 1983, 1982. Okulitch, A.V., 1979. Peto, P.S., 1988.

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**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

**21,592**

## 1 . SUMMARY AND RECOMMENDATIONS

During the latter part of August 1990 a reconnaissance geochemical program was carried out on the Yeoward 1-16 claims. The program consisted of collecting pan concentrates and stream silt samples from streams draining Monashee Mountain. In addition rock samples from float and outcrop were also taken.

Results from the geochemical program are highly encouraging and a review of available assessment reports indicates that further exploration for vein and skarn type precious metal deposits is definitely warranted.

It is recommended that an orientation geochemical survey be carried out over areas defined as anomalous by the previous operator in order to verify those anomalies. In addition, detailed prospecting, mapping and geochemical sampling should be carried out in areas that have not yet been sampled but are now identified as anomalous. Following positive results a staged program of trenching and diamond drilling should be carried out. The first phase is estimated to take three weeks to complete at a cost of \$40,000.

## 2. INTRODUCTION

### 2.1 LOCATION AND ACCESS

The property is centered around 118°25' Longitude, 50°08' latitude in the Monashee Mountains of south central British Columbia, approximately 80km (50mi) south east of Vernon on Highway 6 (Figure 1).

Approaching from Vernon, the project area is reached by taking Highway 6 to the Keefer lake logging road which is approximately 6km beyond the Spruce Grove Cafe. This road follows the Kettle River which cuts diagonally through the centre of the property. Access to the upper claim units and the crown granted land is by the old Monashee Pass road, which branches off of the Keefer Lake road 300m north of where it crosses the Kettle River.

### 2.2 PHYSIOGRAPHY

Topography on the the property is typical of the Monashee Mountains; rolling uplands with steep, deeply incised valley walls. Valley slopes are steep to very steep generally lying between 15 and 35 degrees.

The Kettle River, which has good year around flow, cuts through the centre of the property. It is meandering and in places, swampy. Many of the streams draining into the Kettle River and Yeoward Creek, the two major drainages on the property, are dry during the summer months. Bedrock exposure on the claims is poor, forming perhaps 10% of the area. The project area is generally heavily forested with a mature growth of spruce, fir and in places cedar. Large areas of the property have been clear cut logged.

The village of Cherryville, approximately 30km to the west on Highway 6, is the closest supply centre and Vernon, 80km to the northwest, is the nearest major supply centre. During the

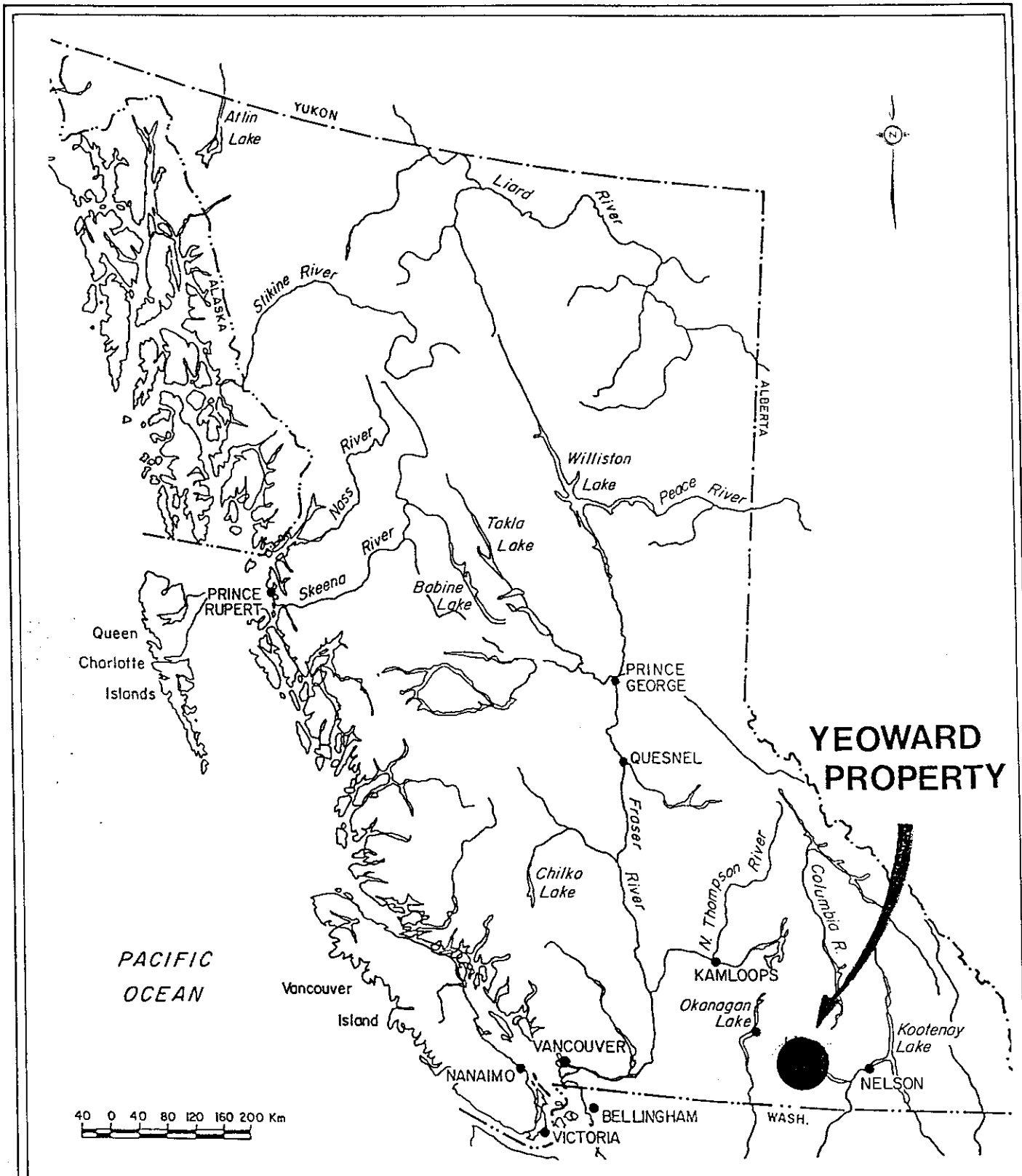


FIGURE 1

**COMMONWEALTH GOLD CORPORATION**

*Vernon Mining Division*

**LOCATION MAP**

DECEMBER 1990  
 AINSWORTH-JENKINS HOLDINGS INC.

summer months lodging, meals and fuel can be obtained from the Spruce Grove Cafe on Highway 6, 10 minutes from the property.

### 2.3 EXPLORATION HISTORY

Placer gold has long been known to occur in the Monashee Mountain area. It was first discovered in the Kettle River drainage in 1877. The most significant mineral production in the Monashee has been placer gold from Cherry and Monashee Creeks and their tributaries north and west of Monashee Mountain. The quantity of placer gold won from the Monashee is open to debate with estimates of slightly over 5,000 ounces reported in the British Columbia Ministry of Mines records to other published estimates of as much as 150,000 ounces.

In 1902 lode gold was discovered in gold-telluride bearing quartz veins near Monashee pass on crown granted lots, 3766 (Rossland), 3737 (Mascot), and 3768 (Evening Star), immediately to the west of the Yeoward property.

Sometime in 1890 a trapper by the name of Morgan located the first claims on Monashee Mountain. This property (the Morgan) is now part of the St. Paul Mines Ltd. holdings. Several hundred tons of high grade gold ore have been produced from this property.

In 1916 the showing now known as the St. Paul Mine were found on the north face of Monashee Mountain, about 600m north of the Morgan showing. Several, generally unsuccessful, attempts have been made to treat this ore, the most recent being in 1974.

In 1981 and 1982 Brican Resources Ltd. (BRICAN) located the Monashee 1-8 claims after they acquired an option to purchase the St. Paul Mine property. During the time that they held the ground BRICAN carried out geochemical, geophysical and mapping and prospecting surveys on four grids located near the St. Paul showing. Initial exploration work was successful in locating significant gold in soils anomalies. Later exploration confirmed the initial soil anomalies and found that on at least one grid there is a strong gold- arsenic correlation. Silt and heavy mineral sampling revealed a strong gold, arsenic and silver anomaly down stream from the St. Paul showing. Soil sampling however, did not detect either the St. Paul or the Morgan showing. Further work was recommended but not carried out due to prevailing market and economic conditions (Daughtry, personal comm. 1990). The property was subsequently allowed to lapse by BRICAN and was acquired by staking by its present owners.

### 2.4 PROPERTY DESCRIPTION AND CLAIM STATUS

The Yeoward property consists of 14 four post modified grid claims and 2 two post claims for a total of 255 units in the Vernon Mining Division. All claims are owned by Commonwealth Gold Corporation, a Vancouver based mineral resource company. Claim location is shown on figure 2. overleaf and are listed as follows:

Claim	Record No.	Units	Expiry Date
YEOWARD 1	3348	20	1991
YEOWARD 2	3349	20	1991
YEOWARD 3	3350	20	1991
YEOWARD 4	3351	20	1991
YEOWARD 5	3352	20	1991
YEOWARD 6	3353	20	1991
YEOWARD 7	3354	20	1991
YEOWARD 8	3355	20	1991
YEOWARD 9	3356	20	1991
YEOWARD 10	3357	10	1991
YEOWARD 11	3358	15	1991
YEOWARD 12	3359	20	1991
YEOWARD 13	3360	18	1991
YEOWARD 14	3361	10	1991
YEOWARD 15	3362	1	1991
YEOWARD 16	3363	1	1991

### 3. 1990 WORK PROGRAM

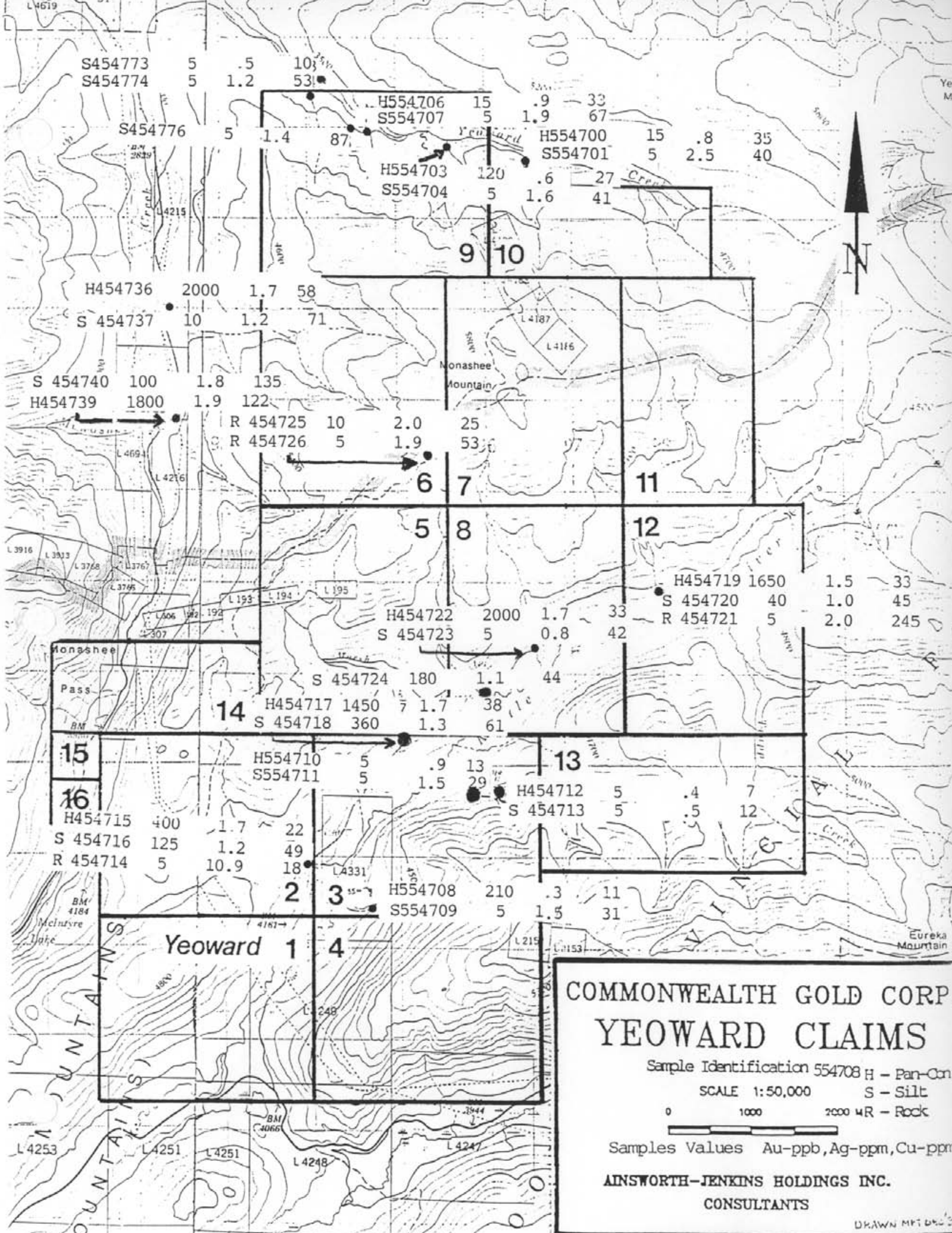
In mid August shortly after the claims were staked, a reconnaissance prospecting and geochemistry program was carried out as shown on Figure 3. A total of 12 pan concentrates, collected from moss mats, and 14 steam sediment samples were taken from the streams draining the property. A total of 6 rock samples from float and outcrop were also taken. All sample locations were marked with flagging and aluminium tags.

While arsenic was only found to be anomalous in two samples many of the streams draining Monashee Mountain were found to be anomalous in gold and silver. These positive results tend to support the work of the previous operator and indicate the need for further exploration work to define drill targets on the property.

### 4. GEOLOGY

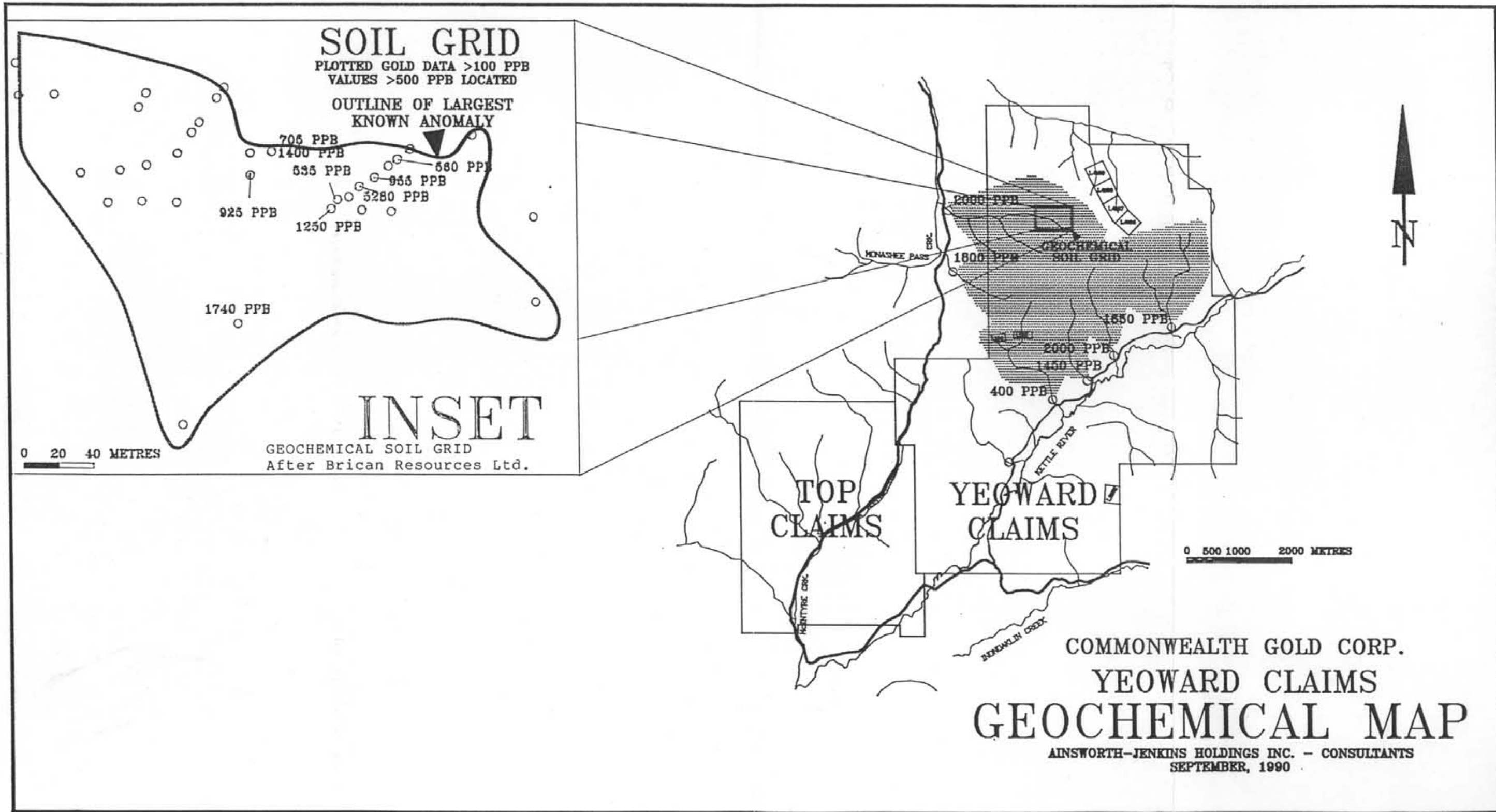
The property is situated on the eastern margin of the Intermontaine Belt at the boundary with the Omineca Crystalline belt. A thick sequence of Upper Paleozoic to Triassic age volcanic and sedimentary rocks trends east-southeasterly through the Monashee Mountain area against the northern edge of a large granodiorite to quartz diorite batholith of Mesozoic age. In this area the volcanic and sedimentary rocks have been folded and metamorphosed to greenschist facies.

Tertiary volcanic and sedimentary rocks unconformably overlie the rocks described above. Tertiary age block faulting has resulted in significant vertical displacement making correlation of stratigraphic units difficult. It is generally thought that the Paleozoic rocks are correlative with the Milford Group to the east and with the Thompson assemblage to the west. The Triassic rocks are correlated to the east with the Slocan group and with the Nicola Group to the west. The Mesozoic crystalline rocks are equivalent to the Nelson and Coast plutonic events. The Tertiary volcanic and sedimentary rocks can be equated to the Kamloops group.



**COMMONWEALTH GOLD CORP.**  
**YEOWARD CLAIMS**  
 Sample Identification 554708 H - Pan-Con.  
 SCALE 1: 50,000 S - Silt  
 0 1000 2000 WR - Rock  
 Samples Values Au-ppb, Ag-ppm, Cu-ppm  
**AINSWORTH-JENKINS HOLDINGS INC.**  
**CONSULTANTS**  
 DRAWN MPT 0402





Daughtry (1983) reports that there are three main units of Permian-Triassic (?) rocks. The first is a massive limestone which forms a relatively homogeneous unit. The limestone grades into calcareous pelitic rocks along strike. An argillite unit consisting of a mixed sequence of sedimentary rocks comprises the next mappable unit. The third unit is a predominantly massive volcanic unit ranging in composition from andesite to dacite.

Daughtry (1983) further states that "the map units are repeatedly juxtaposed in no particular order and have a general northwest-southeast strike and dip. Some of the more abrupt changes in lithology along strike may be due to or amplified by faulting." Metamorphic grade appears to increase on the eastern side of the mountain. A quartz-feldspar porphyry unit was mapped intruding the layered rocks.

Gold and silver mineralization are known to occur in several areas on the property. High grade gold and silver values occur with complex polymetallic mineralization consisting of pyrite-arsenopyrite-stibnite-sphalerite-tetrahedrite-galena in a quartz stockwork at the St. Paul mine. Additionally, high grade free gold associated with pyrite, galena, sphalerite and stibnite occurs in quartz veins at the Morgan mine. Nearby, on the eastern flank of the Mountain, large zones of disseminated arsenopyrite-gold mineralization occur in a zone known as the Dona showing.

Coarse placer gold is reported to occur in many of the creeks draining Monashee Mountain and there are a number of placer leases on the Kettle river and Yeoward Creek.

## 5. CONCLUSIONS

The current geochemical sampling has identified the area covered by the claims to be highly anomalous in precious metals. Encouraging results from the detailed geochemical and geophysical surveys by the previous operator as well as economically significant values being obtained from the Morgan and St. Paul showings, indicates a high potential for the existence of economically significant gold mineralization on the Yeoward claims.

6. STATEMENT OF COSTS

Contractors charges:

Twyman, M.P.	5 Days @ 450/Day	\$ 2,250
Anczykowski, A	3 Days @ 230/Day	\$ 690

Accommodation and Meals:

Accommodation 8 Man days @ \$20 per Man day	\$ 160
Meals 8 Man days @ \$50/Man day	\$ 400

Transportation:

Vehicle rentals	\$ 370
Vehicle Expenses: gas, oil, repairs	\$ 160

Sample Analysis: 32 samples @ \$10. <sup>50</sup> ea	\$ 336
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Field supplies:	\$ 57
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Office Support:

Telephone calls, drafting, photo copies etc.	\$ 97
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Report Preparation:	\$ 900
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TOTAL EXPENDITURE	\$ 5,420
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## 7. REFERENCES

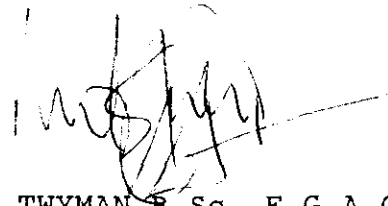
- DAUGHTRY, K.L., 1983 Geochemical and Geological Assessment Report on the St. Paul and Monashee properties, Toughnut, Zilpah, Minerva, Black Bess, St Paul, Monashee 1-8 claims Monashee Mountain, Vernon Mining Division
- DAUGHTRY, K.L., 1982 Geochemical and Geolophysical Assessment Report on the Monashee 1-5 Claims Monashee Mountain, Vernon Mining Division, B.C.,
- OKULITCH, A.V., 1979 Thompson-Okanagan Geological Survey of Canada Open File 637.
- PETO, P.S., 1988 Geological, Geophysical and Drilling Summary Report on the Top Claims, Vernon Mining Division, B.C.,

## 8. STATEMENT OF QUALIFICATIONS

I, Michael P. Twyman of Vancouver British Columbia do hereby certify as follows:

1. I am a consultant Geologist residing at #201 770 East 7<sup>th</sup> avenue Vancouver B.C.
2. I am a fellow of the Geological Association of Canada. I graduated with a B.Sc. in geology from the University of British Columbia in 1984.
3. I have practiced my profession continuously since graduation. I have worked as a Consultant Geologist on mineral exploration projects throughout B.C., and in West Africa.
4. I am the author of this report, which is based on work that I personally carried out in the field during August 1990.

Dated this 15<sup>th</sup> day of December 1990



MICHAEL P. TWYMAN B.Sc. F.G.A.C  
Consultant Geologist

for; Ainsworth Jenkins Holdings Inc.

APPENDIX A  
GEOCHEMICAL DATA

COMP: AINSWORTH JENKINS

PROJ:

ATTN: AINSWORTH JENKINS

MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

(604)980-5814 OR (604)988-4524

FILE NO: OV-1196-LJ1

DATE: 90/08/29

\* SILTS \* (ACT:F31)

SAMPLE NUMBER	AG PPM	AL PPM	AS PPM	B PPM	BA PPM	BE PPM	BI PPM	CA PPM	CD PPM	CO PPM	CU PPM	FE PPM	K PPM	LI PPM	MG PPM	MN PPM	MO PPM	NA PPM	NI PPM	P PPM	PB PPM	SB PPM	SR PPM	TH PPM	U PPM	V PPM	ZN PPM	GA PPM	SN PPM	W PPM	CR PPM	AU PPM
S454710	.4	11510	1	2	50	.6	2	7250	.1	8	18	35280	830	15	3620	576	1	150	1	1130	13	1	20	2	1	80.9	55	1	1	2	2	15
S454711	.2	13630	1	1	68	.5	1	7910	.1	7	10	22130	1010	24	4450	913	1	130	12	1430	14	1	16	2	1	42.4	62	2	1	1	14	35
S454705	.3	10870	1	2	67	.4	1	6140	.1	7	11	32610	1030	21	3590	601	1	910	1	750	18	1	16	1	1	72.6	57	1	1	1	6	5
S454707	.5	13550	1	1	88	.7	1	7270	.1	9	12	26720	1380	16	4390	1065	1	120	6	1430	20	1	19	1	1	55.7	60	3	1	1	12	55
S454709	1.5	27930	1	1	170	1.5	2	11120	.1	7	44	24170	1800	55	4510	1021	1	660	13	520	24	1	57	3	5	42.8	68	4	1	1	11	5
* S454713	.5	14900	1	1	66	.5	1	4590	.1	7	12	27500	960	25	3680	285	1	620	6	580	19	1	15	1	1	62.4	42	2	1	1	10	5
* S454716	1.2	20520	1	2	76	.4	3	13100	.1	12	49	29220	1550	31	9430	801	1	820	37	1010	19	1	27	1	1	71.0	71	1	1	2	27	125
* S454718	1.3	22000	1	1	75	.3	3	13070	.1	17	61	35830	1720	25	13560	684	1	430	20	860	15	1	24	1	1	83.5	73	1	1	2	24	360
* S454720	1.0	16770	54	2	68	.4	2	9000	.1	13	45	28320	850	21	11670	584	1	130	31	850	19	1	19	1	1	61.0	78	2	1	2	42	40
* S454723	.8	17140	1	2	42	.2	2	7090	.1	15	42	32490	700	21	13920	477	1	130	27	710	11	1	9	1	1	66.2	67	1	1	2	43	5
* S454724	1.1	18720	1	1	87	.3	2	9110	.1	13	44	29870	1150	25	11290	769	1	240	27	830	17	1	15	1	1	63.7	77	2	1	2	32	180
S454728	.3	15880	1	1	102	.7	2	6380	.1	6	14	20760	950	27	3200	1064	1	150	6	590	11	1	16	1	1	42.6	64	1	1	1	4	5
S454729	.2	13270	1	1	77	.6	1	6860	.1	7	20	21210	1190	19	4520	1102	1	600	5	830	16	1	19	1	1	43.2	58	2	1	1	3	10
S454731	.2	10520	1	1	81	.3	2	6990	.1	7	14	24210	1270	14	3450	1361	1	610	3	1000	21	1	21	1	1	50.2	51	1	1	1	3	10
S454733	.4	11390	1	2	81	.6	1	6100	.1	8	13	36760	890	12	3150	591	1	630	1	930	14	1	18	1	1	88.1	38	1	1	2	4	20
* S454735	.1	14130	1	4	66	.6	1	6910	.1	13	15	77070	880	21	3370	860	1	130	1	1130	10	1	18	1	1	183.3	54	1	1	3	1	5
* S454737	1.2	20040	1	3	75	.4	3	10330	.1	18	71	36730	1160	21	15440	748	1	250	35	990	12	1	15	1	1	82.8	64	1	1	3	59	10
* S454740	1.8	27370	1	3	57	.3	4	14330	.1	25	135	47550	2370	33	16890	891	1	420	15	820	14	1	35	1	1	124.2	79	1	1	2	23	100
S454742	.7	15740	1	2	106	.3	3	7210	.1	12	28	35150	1530	20	6200	699	1	190	3	1020	11	1	16	1	1	84.4	59	1	1	1	7	85
S454743	1.3	29210	1	2	285	1.0	2	11890	.1	10	37	28620	1080	23	4170	3371	1	620	12	1560	32	1	45	1	1	43.8	79	2	1	1	6	5
S454745	.8	24740	1	1	151	1.5	2	7050	.1	7	20	22620	980	29	3770	1232	2	150	6	1450	20	1	21	1	1	44.1	654	1	1	1	8	10
S454747	.5	14380	1	1	84	.8	1	7430	.1	5	14	13490	910	21	2350	1356	3	700	7	1120	19	1	22	1	1	24.7	53	1	1	1	5	5
S454749	.4	12580	1	2	89	.5	2	7550	.1	10	21	37910	1150	19	4880	622	1	220	1	1050	12	1	16	1	1	92.8	51	1	1	2	6	20
S454751	.5	11780	1	1	73	.6	1	6370	.1	5	12	20880	650	24	2860	691	1	120	4	850	15	1	22	1	1	49.9	59	1	1	2	8	5
S454753	.8	15280	1	1	77	.6	2	6580	.1	8	14	31230	840	19	3640	1032	1	770	4	980	23	1	16	1	1	75.2	75	2	1	1	6	430

\* YEOWARD 1-16 Samples

SWORTH JENKINS

MIN-EN LABS - ICP REPORT

FILE NO: 0V-1319-SJ15+16

NOJ:
ATTN: M.TWYMAN

705 WEST 15TH ST., NO
(604)980-5814

VANCOUVER, B.C. V7M 1T2
(604)988-4524

DATE: 90/09/14

\* SOIL \* (ACT:F31)

Table with columns for SAMPLE NUMBER, AG, AL, AS, B, BA, BE, BI, CA, CD, CO, CU, FE, K, LI, MG, MN, MO, NA, NI, P, PB, SB, SR, TH, V, ZN, GA, SN, W, CR, AU, PPB. Rows include various sample IDs like 89300E: 47650 N and S 454755.

\* YEOWARD 1-16 Samples



COMP: AINSWORTH JENKINS  
 PROJ:  
 ATTN: AINSWORTH JENKINS

**MIN-EN LABS — ICP REPORT**  
 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2  
 (604)980-5814 OR (604)988-4524

FILE NO: 0V-1196-PJ1  
 DATE: 90/08/29  
 \* PAN CONC \* (ACT:F31)

SAMPLE NUMBER	AG PPM	AL PPM	AS PPM	B PPM	BA PPM	BE PPM	BI PPM	CA PPM	CD PPM	CO PPM	CU PPM	FE PPM	K PPM	LI PPM	MG PPM	MN PPM	MO PPM	NA PPM	NI PPM	P PPM	PB PPM	SB PPM	SR PPM	TH PPM	U PPM	V PPM	ZN PPM	GA PPM	SN PPM	W PPM	CR PPM	AU PPB
H454702	2.0	2610	1	20	5	.1	1	7660	.1	41	23	369210	220	5	1180	725	1	30	1	1970	4	1	9	1	1	868.2	50	1	1	2	1	1000
H454703	.7	4070	1	8	18	.1	1	13500	.1	16	8	136480	260	7	1350	345	1	60	1	5410	10	1	23	6	1	348.5	29	1	1	3	10	110
H454704	.5	3840	1	7	19	.2	2	5870	.1	17	11	119340	320	8	1620	341	1	60	1	1240	16	1	8	6	1	273.1	34	1	1	2	5	10
H454706	.4	4360	1	6	27	.5	3	10610	.1	16	15	102900	410	6	1600	358	1	50	1	4060	16	1	19	2	1	255.0	39	1	1	2	32	5
H454708	.5	5200	1	4	38	.4	1	5320	.1	12	14	68850	510	12	2430	365	1	60	1	1110	20	1	11	2	1	155.3	30	1	1	1	1	20
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H454715	1.7	10420	1	3	27	.3	3	7410	.1	15	22	54660	530	17	6510	346	1	150	8	870	20	1	14	1	1	129.4	43	3	1	1	13	400
H454717	1.7	12710	16	2	33	.3	2	10960	.1	14	38	35300	740	14	9710	328	1	260	15	760	10	1	17	1	1	67.2	50	3	1	1	19	1450
H454719	1.5	14720	1	2	33	.4	3	6750	.1	15	33	38490	500	16	12940	356	1	90	26	640	12	1	17	1	1	68.3	69	2	1	1	32	1650
H454722	1.7	15350	1	2	41	.3	2	5520	.1	16	33	36460	370	17	13490	419	1	80	20	580	16	1	8	1	1	64.4	60	2	2	1	36	2000
H454727	.5	3770	1	5	22	.1	2	4170	.1	13	11	90580	220	7	1300	277	1	50	1	740	13	1	6	1	1	228.0	32	1	1	2	1	235
H454730	.8	3610	1	7	18	.2	3	6750	.1	19	14	111550	380	5	1420	362	1	70	1	1340	11	1	9	1	1	263.2	32	1	1	2	1	5
H454732	.3	4290	1	14	15	.1	1	7340	.1	30	17	235090	300	5	1370	500	1	40	1	1270	4	1	6	1	1	564.5	41	1	1	3	1	5
H454734	.1	2810	1	21	6	.1	1	6150	.1	42	15	386340	170	5	920	713	1	20	1	1270	4	1	2	1	1	890.1	53	1	1	3	1	10
H454736	1.7	15460	1	3	59	.1	3	7740	.1	22	58	50390	660	16	13710	454	1	170	25	800	15	1	12	1	1	88.9	57	2	1	1	47	2000
H454739	1.9	19410	1	3	39	.2	3	9290	.1	33	122	67120	1260	23	14500	547	1	300	15	670	17	1	12	1	1	121.2	60	1	2	1	14	1800
H454741	.9	6750	1	4	36	.3	2	5990	.1	15	20	77230	510	11	3430	324	1	120	1	1100	22	1	8	1	1	195.8	51	1	1	1	2	300
H454744	.5	4940	1	3	26	.4	2	3000	.1	9	8	56530	270	7	1470	211	1	60	1	460	18	1	5	1	1	146.0	27	1	1	1	1	5
H454746	.7	5410	3	1	27	.3	1	2090	.1	3	5	8500	320	12	1550	224	2	80	2	260	9	1	5	1	1	18.7	25	2	1	1	4	10
H454748	.8	3950	1	12	18	.1	1	6960	.1	26	15	207120	310	6	1840	356	1	60	1	1600	4	1	9	1	1	498.9	40	1	1	3	1	65
H454750	1.0	6110	1	4	30	.1	3	5440	.1	12	9	71100	330	15	1900	366	1	80	1	680	9	1	9	1	1	196.3	46	1	1	3	11	5
H454754	1.1	5910	1	5	25	.1	4	5800	.1	13	9	75140	390	10	1780	384	1	100	1	930	11	1	8	1	1	201.9	38	1	1	3	3	100

\* YEOWARD 1-16 Samples

COMP: AINSWORTH JENKINS

PROJ:

ATTN:

**MIN-EN LABS — ICP REPORT**  
 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2  
 (604)980-5814 OR (604)988-4524

FILE NO: 0V-1319-PJ1

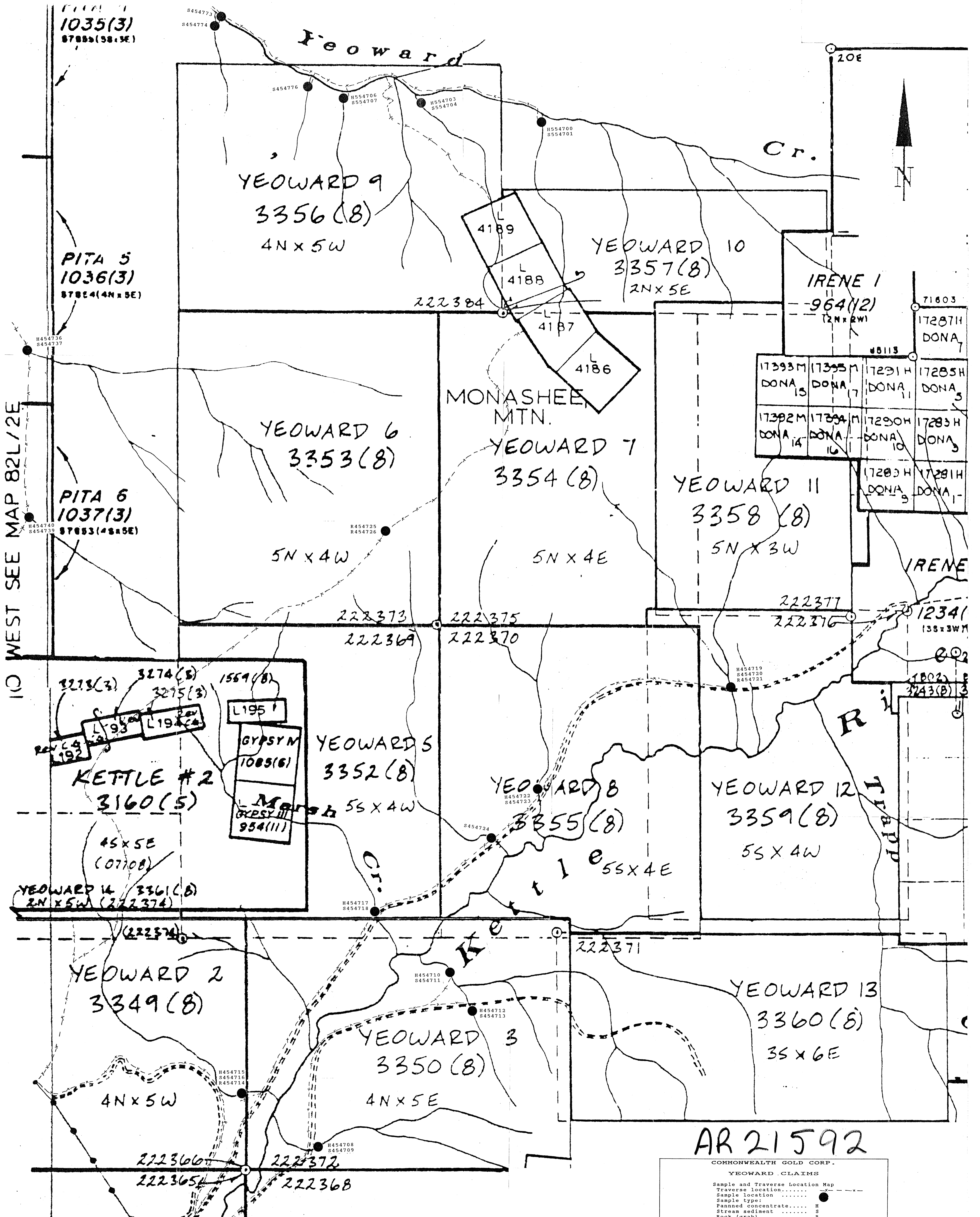
DATE: 90/09/06

\* PAN CONCENTRATE \* (ACT:F31)

SAMPLE NUMBER	AG PPM	AL PPM	AS PPM	B PPM	BA PPM	BE PPM	BI PPM	CA PPM	CD PPM	CO PPM	CU PPM	FE PPM	K PPM	LI PPM	MG PPM	MN PPM	MO PPM	NA PPM	NI PPM	P PPM	PB PPM	SB PPM	SR PPM	TH PPM	U PPM	V PPM	ZN PPM	GA PPM	SN PPM	W PPM	CR PPM	AU PPM	PPB
H 454754	.2	3380	1	5	27	.1	1	10970	.1	17	10	98850	350	5	1310	306	1	30	1	4430	11	1	14	3	1	248.5	39	1	3	3	39	15	
H 454756	.1	3630	9	3	31	.1	1	8390	.1	14	7	76550	360	6	1440	336	1	30	1	2960	15	1	12	1	1	190.1	37	1	1	3	29	130	
H 454758	.1	2600	1	1	25	.1	1	5880	.1	10	5	50450	280	5	1030	243	1	20	1	1830	17	1	7	1	1	123.7	23	1	1	1	11	5	
H 454760	.1	3830	17	1	35	.1	6	7170	.1	9	6	47870	400	7	1650	332	1	40	1	2210	17	1	9	1	1	117.6	34	1	1	1	21	260	
H 454762	.1	3200	1	2	25	.1	1	6180	.1	11	6	66280	240	6	1340	266	1	30	1	1810	17	1	5	1	1	166.9	29	1	1	1	8	10	
H 454764	.1	3060	1	1	25	.1	1	4170	.1	8	4	46110	230	7	1300	197	1	40	1	1040	14	1	4	1	1	109.8	22	1	1	1	1	5	
H 454778	.1	3890	7	1	24	.1	1	3660	.1	5	4	30370	190	8	1970	213	1	50	1	660	13	1	6	1	1	70.4	23	1	1	1	1	5	
H 454780	.1	2760	1	4	20	.1	11	5600	.1	15	10	102980	200	5	1200	318	1	20	1	1610	12	1	5	1	1	255.7	23	1	4	1	1	703	
H 554700	.8	11860	58	1	46	.1	2	11420	.1	15	35	37310	460	16	10240	460	1	30	24	890	22	1	27	1	1	43.3	63	2	3	1	10	15	
H 554703	.6	13360	59	1	49	.1	1	4480	.1	13	27	30500	350	17	12350	450	1	30	29	750	24	1	9	1	1	46.9	70	2	1	1	29	120	
H 554706	.9	12510	89	1	62	.1	1	5480	.3	14	33	33980	450	16	10730	504	2	60	28	1000	24	1	13	1	1	48.8	86	2	1	1	21	15	
H 554708	.3	5250	20	1	21	.1	1	4870	.1	9	11	45440	310	13	3340	268	1	60	1	770	15	1	9	1	1	95.5	31	1	1	1	4	210	
H 554710	.9	8510	32	1	40	.1	1	8790	.1	7	13	18800	710	16	5770	320	1	100	17	710	19	1	16	1	1	35.3	41	1	1	1	16	5	
H 554712	.6	8220	26	1	37	.1	1	5450	.1	8	16	17580	660	16	5750	256	2	100	42	730	20	1	13	1	1	30.4	37	1	1	1	21	105	

\* YEOWARD 1-16 Samples





10 WEST SEE MAP 82L/2E

AR 21592

COMMONWEALTH GOLD CORP.  
 YEOWARD CLAIMS

Sample and Traverse Location Map  
 Traverse location .....  
 Sample location .....  
 Sample type: .....  
 Panned concentrate..... H  
 Stream sediment ..... S  
 Rock (grab) ..... R

Scale: 0 500 1000 meters

Adapted from BCMRMP mapping :: Drawn M.P.T Dec 30 91  
 (Note: values for gold, silver, and copper reported in text and located on summary 1:50000 scale map)