

**RECEIVED**  
OCT 17 2002  
Gold Commissioner's Office  
VANCOUVER, B.C.

SUMMARY REPORT  
ON THE  
GOLD CANYON PROPERTY

SLOCAN MINING DIVISION  
BRITISH COLUMBIA

Latitude: 49° 58' North  
Longitude: 117° 46.5' West  
NTS: 82F/13  
TRIM: 082F.0

GEOLOGICAL SURVEY BRANCH  
ASSESSMENT REPORT

By: Bernhardt Augsten P.Geo.

26,950

**INTRODUCTION:**

I was contacted on July 3<sup>rd</sup> by Mickey Jones, one of the owners of the Gold Canyon claims to see if I was available to do a property exam on the 5<sup>th</sup> of July. I consented and drove up on the 5<sup>th</sup> to meet with Mickey Jones, George Buhler, Rod Buhler and Larry Black, owners of the Gold Canyon claims.

**LOCATION, ACCESS AND PYSIOGRAPHY:**

The Gold Canyon claims are located east of Burton, BC. The claims are accessed via excellent logging roads with the main showing located on the side of one such road. Access is via the Caribou Creek Rd which leaves Hwy #3a in Burton. This road is followed for approximately 10.7 km and then a right branch is taken, the Goat Canyon Rd. This is followed for about another 14km to the center of the claims. Most of the area surrounded by the claims would be considered rugged. The immediate area in and around the main showing has more subdued topography and is covered by dense stands of fir and spruce.

**SCOPE OF WORK:**

One day was spent on the property from approximately 9:00am to 4:00pm. The main and only showing was examined. A sketch map of the outcropping area was made and some sampling was conducted. A total of seven rock samples were collected which included chip samples and selected character samples of the visually better looking material. In addition 5 soil samples were collected in a line crossing the trend of the main zone. These were collected in order to see if soils would be a viable exploration tool in this location. The initial post for the Gold Canyon I to IV claims and the legal corner post for the Gold Canyon V claim were examined and recorded by GPS. Other aspects with respect to the staking were not examined.

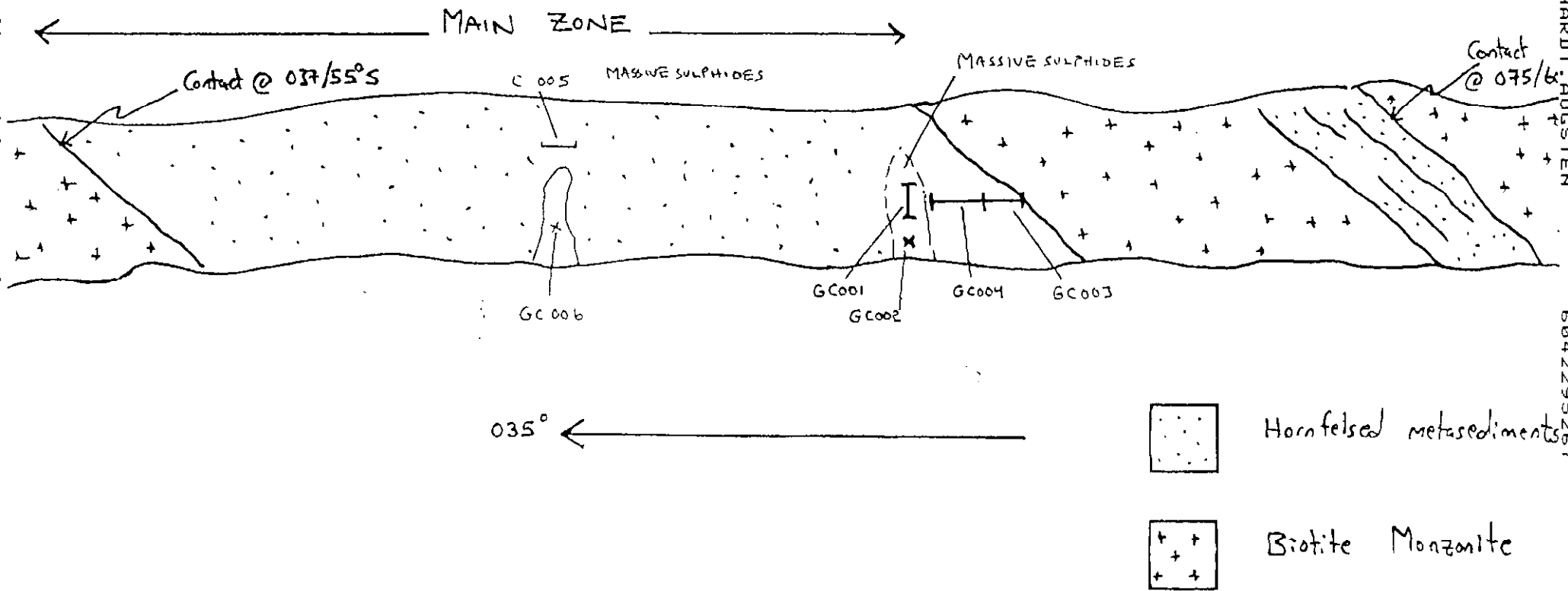
**OBSERVATIONS:**

The mineralized zone is hosted by strongly hornfelsed fine grained metasediments. These sediments are sandwiched between sills of a medium grained biotite monzonite, (See Fig. 1). Spectacular medium grained massive sulphide mineralization occurs as lenses within the metasediments. This massive sulphide mineralization consists of varying proportions of galena and pyrrhotite, with lesser pyrite, sphalerite and small amounts of chalcopyrite. These lenses appear to have widths of at least 60 cm and probably exceed 1 metre. More work would be needed to determine this. In addition pyrrhotite and pyrite occur disseminated throughout the metasediments and galena is seen to occur along fractures throughout the metasediments.

Initial structural data indicates that the mineralized zone of metasediments may have a true width in the order of 12 metres. The potential for further mineralized horizons within this intrusive/metasediment package appears excellent.

FIG. 1 SKETCH OF MAIN GOLD CANYON PROSPECT  
LOOKING 125°

Scale 1cm = 2m.



AUG-01-02 THU 05:37 PM BERNHARDT AUGSTEN

6042295267

## RESULTS

TABLE 1 SAMPLE DESCRIPTIONS AND RESULTS

Sample #	DESCRIPTION	ANALYTICAL RESULTS					
		Au oz/t	Ag oz/t	Pb %	Zn %	Cu ppm	As ppm
CG001	65cm. chip sample across a strongly hornfelsed fine grained siliceous metasediment with 2-3% disseminated pyrite and pyrrhotite, trace chalcopyrite and semi-massive to massive galena +/- sphalerite in pods and along fractures	.116	15.22	3.86	2.60	943	320
CG002	'high grade' sample of massive galena, pyrrhotite, pyrite with trace chalcopyrite.	.113	98.28	26.5	2.85	1018	310
CG003	1.5m. chip sample from southwest contact of main zone going northeast. Sample is within hornfelsed metasediments which have been partially oxidized to a 'punky' limonitic clay. Sample contains 1-2% disseminated pyrrhotite +/- pyrite and minor galena near northeast edge in a siliceous band.	.156	4.2	0.58	0.31	231	350
CG004	1.7m. chip across exposed face continuing on from GC-003 going northeast, (See sketch). Strongly oxidized metasediments with patchy massive galena, pyrrhotite, possible sphalerite, and trace chalcopyrite.	.171	24.56	5.7	2.15	674	645
CG005	1.2m chip sample across siliceous hornfelsed metasediments. Rocks contain 3-10% disseminated to semi-massive pyrrhotite, 1-3% disseminated and banded galena; possible trace sphalerite and chalcopyrite.	.062	2.98	1.16	0.48	285	805
CG006	Same location as GC-005. Sample of massive pyrrhotite and 5-10% galena.	.167	9.89	4.52	7.30	980	<5
CG007	Sample of quartz vein taken away from main showing down road. 2-5cm wide quartz vein with limonitic fractures. No visible sulphides. Hosted by hornfelsed metasediments. Vein at 034/48SE.	35*	2.0	154	123	21	5

\*ppb Au

### SOIL SAMPLING

As part of the property exam, a short line of soils was collected in order to establish whether soils may be of use in a future exploration program. From a station on the road near the main showing with coordinates of E: 444109, N: 5535306 a line was run at 070° for 32 metres. This became L50E at 50+00N, ( See Fig. 2). Samples were collected every 10 metres from 50+10N to 49+70 N for a total of 5 samples. It should be noted that station 50+00N on L50E is more or less on strike with the massive sulphide lens of rock sample #GC002. There appears to be less than 1 metre of overburden in this immediate area with a moderately well-developed but thin B-horizon which is what was collected.

Significant results are listed below.

TABLE 2 SOIL RESULTS

Line #	Station #	Au (ppb)	Ag (ppm)	As (ppm)	Pb (ppm)
50E	50+10N	10	2.0	125	112
50E	50+00N	>1000	6.5	130	158
50E	49+90N	<5	2.3	80	54
50E	49+80N	10	7.8	580	262
50E	49+70N	75	1.0	35	50

Although there are too few values to generate statistically valid anomalous levels, clearly gold, silver, arsenic and lead appear to be useful pathfinders for the mineralization exposed at the main showing. Specifically silver and arsenic may be most reliable with the gold in soils somewhat erratic. However, extremely high golds in soils such as at Station #50+00N would seem to indicate nearby mineralization.

In summary soil sampling would be an excellent tool in this location.

15-Jul-02

ECO TECH LABORATORY LTD.  
10041 Dallas Drive  
KAMLOOPS, B.C.  
V2C 8T4

Phone: 250-573-5700  
Fax : 250-573-4657

ICP CERTIFICATE OF ANALYSIS AK 2002-165

COLWOOD MARINE LTD.  
Po Box 2808  
Revelstoke, BC  
V0E 2S0

ATTENTION: George Buhler / Bernie Augster

No. of samples received: 6  
Sample Type: Soil  
Project #: None Given  
Shipment #: None Given  
Samples submitted by: George Buhler

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	L1NE 50E 40+70N	75	1.0	5.31	35	30	<5	0.06	<1	7	25	13	2.80	10	0.14	56	<1	0.02	8	870	50	<5	<20	5	0.13	<10	44	<10	7	42
2	L1NE 50E 40+80N	10	7.8	3.79	580	25	<5	0.06	2	7	24	28	2.69	10	0.20	88	<1	0.02	8	880	262	<5	<20	7	0.11	<10	47	<10	5	63
3	L1NE 50E 40+90N	<5	2.3	4.49	80	25	<5	0.04	<1	7	28	12	3.48	20	0.10	<1	<1	0.02	6	880	54	<5	<20	3	0.15	<10	62	<10	8	24
4	L1NE 50E 50+00N	>1000	8.5	3.22	130	20	<5	0.05	1	7	29	18	2.49	10	0.19	62	<1	0.02	8	700	158	<5	<20	4	0.13	<10	48	<10	6	55
5	L1NE 50E 50+10N	10	2.0	4.17	125	50	<5	0.12	1	18	55	32	4.82	20	0.88	220	<1	0.03	22	1100	112	<5	<20	9	0.16	<10	107	<10	8	222

QC DATA:


Repeat:

1	L1NE 50E 40+70N	-	0.9	5.07	40	30	<5	0.05	<1	7	25	10	2.77	10	0.13	53	<1	0.02	7	920	48	<5	<20	6	0.12	<10	42	<10	6	38
5	L1NE 50E 50+10N	75	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Standard:  
GEO '02

		130	1.5	1.74	50	135	<5	1.68	<1	20	65	85	3.61	20	0.97	591	<1	0.03	30	700	20	<5	<20	38	0.11	<10	72	<10	11	67
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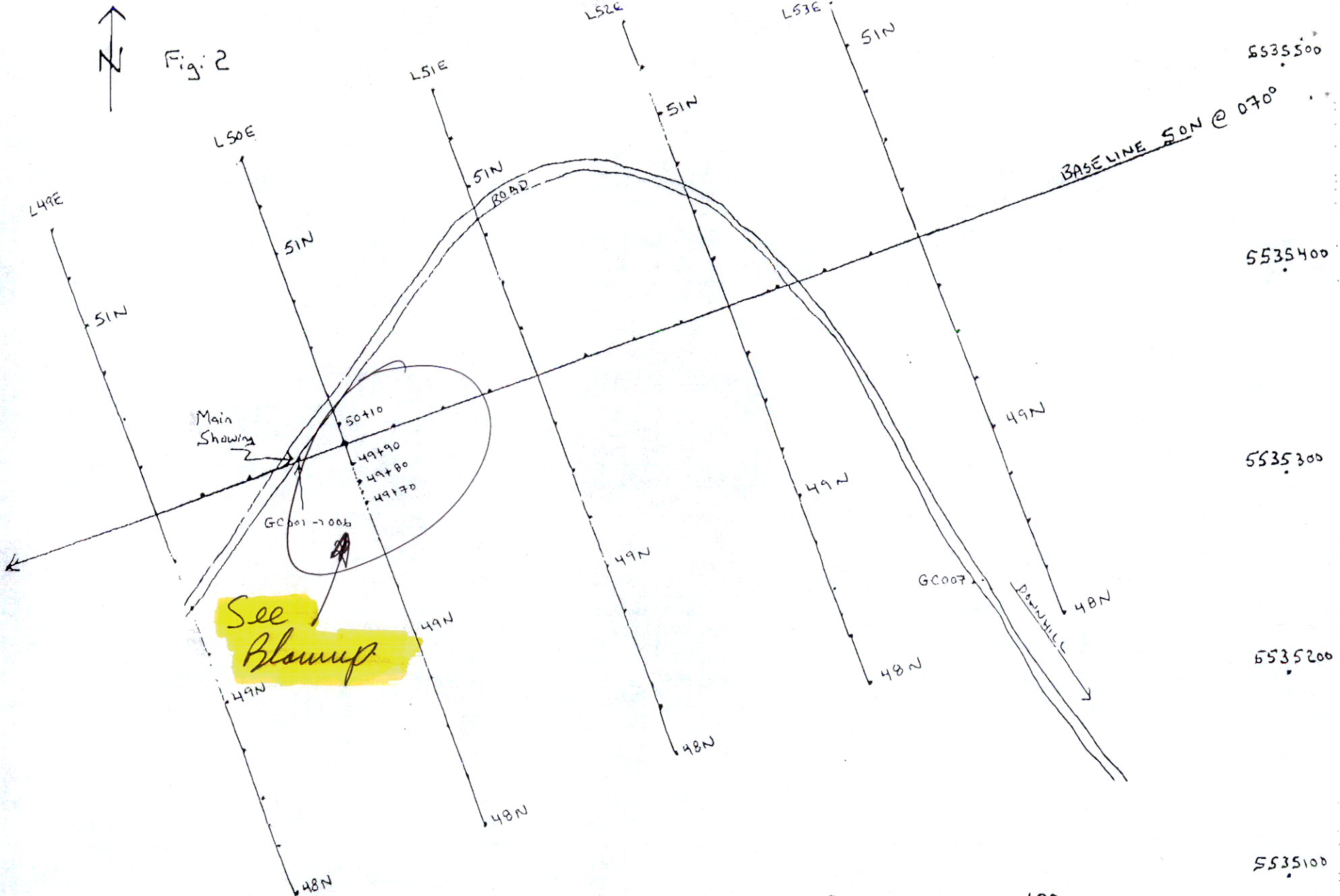
JJ/kk  
df/161ds  
XLS/02



ECO TECH LABORATORY LTD.  
Mike Jalouse  
B.C. Certified Assayer

76/11/00

Fig: 2



See Blowup

Main Showing

1cm = 25 metres

0 100  
Metres

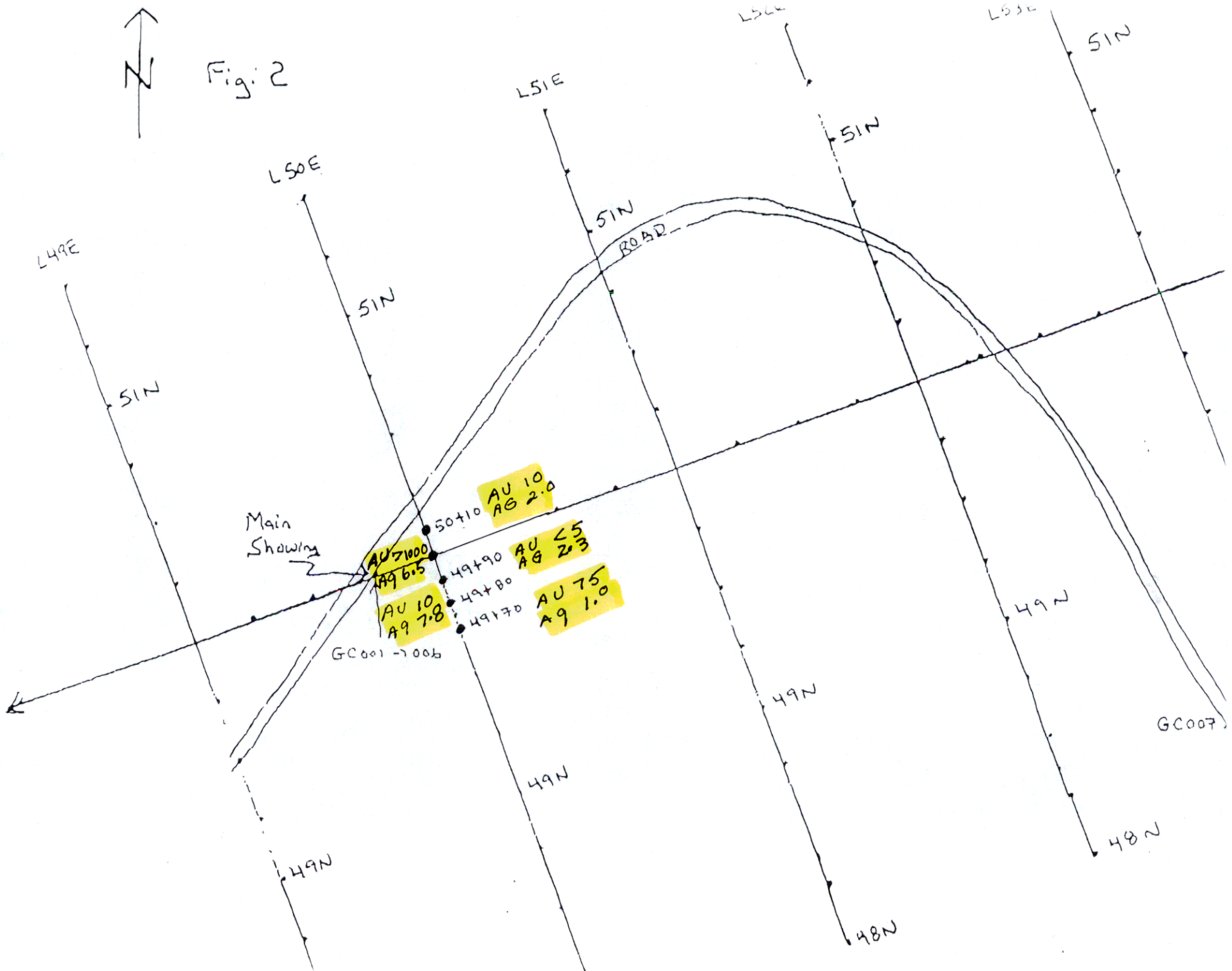
Note: Road location approximate.

444000 444100 444200 444300 444400 444500 444600





Fig: 2



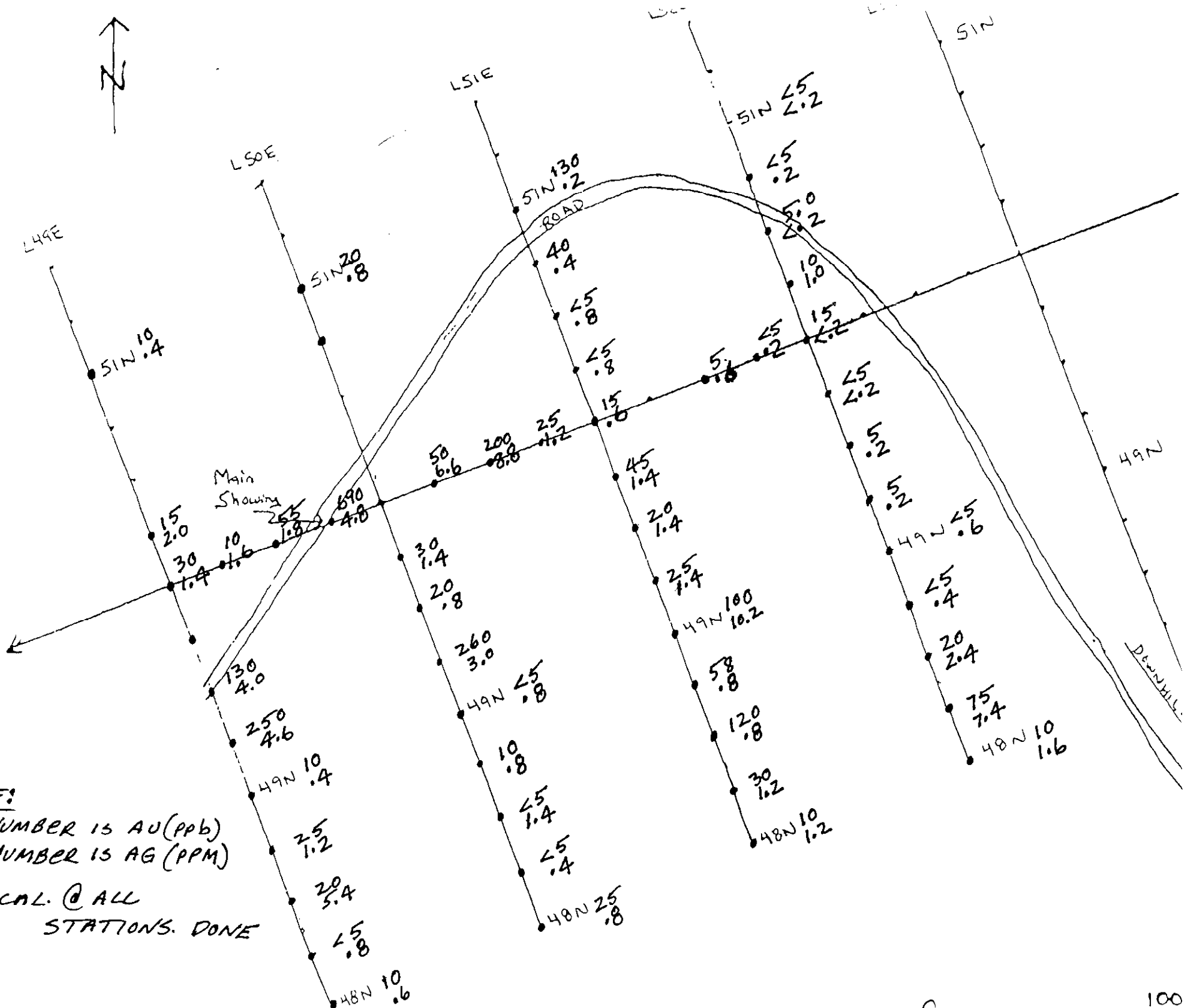
**EXPLORATION RECOMMENDATIONS:**

Due to the shallow overburden in the area of the showing, soil sampling would be recommended as a first pass tool. This should be conducted in conjunction with mapping and more detailed sampling and examination of the main showing.

The presence of disseminated pyrrhotite and pyrite in the metasediments and the apparent lack of sulphides in the intrusive indicates that geophysics in the form of IP/Resistivity would probably be an excellent tool to trace the existing metasediment band and to discover others. In addition ground magnetics may be useful as well.

**SUMMARY:**

This is an exciting new discovery in an area of no known historical mining activity. The style and grades of mineralization in addition to the known geometry indicate excellent exploration potential.



NOTE:

TOP NUMBER IS AU (PPB)  
BTM NUMBER IS AG (PPM)

TYPICAL @ ALL  
STATIONS. DONE

August 1, 2002

ECO TECH LABORATORY LTD.  
10041 Dallas Drive  
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ICP CERTIFICATE OF ANALYSIS AK 2002-210

COLWOOD MARINE LTD.  
PO BOX 2808  
REVELSTOKE, BC  
V0E 2S0

ATTENTION: George Buhler

No. of samples received: 55  
Sample Type: Soil  
Project #: Gold Canyon  
Shipment #: None Given

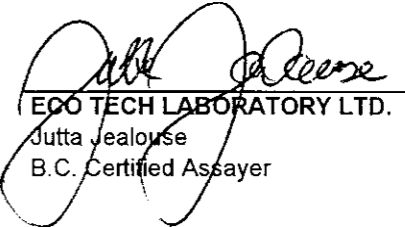
Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	49E 48+ 00 N	10	0.6	1.98	5	90	<5	0.19	<1	10	25	43	3.47	10	0.49	172	<1	0.02	8	1440	14	<5	<20	15	0.13	<10	66	<10	6	37
2	49E 48+ 25 N	<5	0.8	1.30	25	15	<5	0.15	<1	14	46	58	5.60	<10	0.65	128	<1	0.02	14	1140	8	<5	<20	4	0.17	<10	122	<10	6	42
3	49E 48+ 50 N	20	5.4	5.51	20	15	<5	0.04	<1	6	27	15	3.44	<10	0.10	15	<1	0.01	7	920	40	<5	<20	4	0.13	<10	39	<10	7	14
4	49E 48+ 75 N	25	1.2	2.95	80	40	<5	0.07	<1	8	32	35	3.22	<10	0.40	134	2	0.02	13	580	52	<5	<20	9	0.09	<10	75	<10	5	126
5	49E 49N	10	0.4	2.26	45	60	<5	0.08	<1	20	34	23	3.39	<10	0.57	128	<1	0.01	15	600	22	<5	<20	6	0.20	<10	75	<10	7	113
6	49E 49+ 25 N	250	4.6	1.97	435	35	<5	0.07	<1	8	28	12	3.25	<10	0.27	134	<1	0.02	6	660	238	<5	<20	7	0.16	<10	92	<10	6	61
7	49E 49+ 50 N	130	4.0	3.37	355	35	<5	0.08	<1	9	34	26	3.76	<10	0.37	193	<1	0.01	10	900	78	<5	<20	14	0.13	<10	82	<10	6	77
8	49+ 75E 50 N	690	4.8	5.57	330	45	<5	0.25	<1	20	79	65	5.18	20	1.14	630	1	0.03	33	1320	172	<5	<20	17	0.17	<10	160	<10	10	437
9	49E 50N	30	1.4	1.77	45	55	<5	0.18	1	14	61	36	3.99	10	0.78	230	<1	0.02	35	690	42	<5	<20	13	0.14	<10	85	<10	7	149
10	49+ 25E 50 N	10	1.6	2.64	20	55	<5	0.17	1	23	104	41	5.42	20	1.70	309	<1	0.02	85	1090	32	<5	<20	17	0.19	<10	102	<10	8	518
11	49E 50+ 25 N	15	2.0	2.22	20	60	<5	0.16	1	13	57	24	4.55	20	0.69	267	<1	0.01	21	1220	26	<5	<20	16	0.14	<10	75	<10	7	102
12	49+ 40E 50 N	55	1.8	2.62	95	40	<5	0.15	<1	14	50	40	3.75	<10	0.91	431	1	0.02	29	830	78	<5	<20	10	0.13	<10	103	<10	6	468
13	49E 51N	10	0.4	2.43	10	30	<5	0.11	<1	11	45	15	4.68	20	0.47	180	<1	0.02	15	710	32	<5	<20	9	0.18	<10	73	<10	8	65
14	50E 48N	25	0.8	2.11	25	100	<5	0.11	<1	12	53	50	4.30	10	0.64	162	3	0.02	10	1460	24	<5	<20	25	0.18	<10	108	<10	7	71
15	50E 48+ 25 N	<5	0.4	2.78	<5	50	<5	0.51	<1	9	27	31	2.94	<10	0.27	207	<1	0.02	11	1710	28	<5	<20	31	0.12	<10	57	<10	5	49
16	50E 48+ 50 N	<5	1.4	2.42	<5	70	<5	0.29	<1	20	88	78	3.57	10	0.85	191	<1	0.03	21	1680	26	<5	<20	18	0.16	<10	65	<10	7	91
17	50E 48+ 75 N	10	0.8	2.79	20	55	<5	0.18	<1	21	67	105	7.03	10	1.40	310	<1	0.02	26	1670	22	<5	<20	7	0.19	<10	201	<10	8	121
18	50E 49N	<5	0.8	3.78	15	20	<5	0.05	<1	7	22	14	2.82	<10	0.08	171	<1	0.02	6	1380	34	<5	<20	5	0.15	<10	44	<10	5	18
19	50E 49+ 25 N	260	3.0	2.73	35	100	<5	0.21	1	20	65	54	4.38	10	1.07	363	<1	0.01	40	1660	32	<5	<20	16	0.14	<10	89	<10	6	244
20	50E 49+ 50 N	20	0.8	3.96	85	30	<5	0.07	<1	8	42	25	3.60	<10	0.30	114	<1	0.01	12	800	84	<5	<20	8	0.13	<10	66	<10	6	68
21	50E 50+ 18 N	30	1.4	3.20	40	50	<5	0.18	<1	15	39	17	3.98	10	0.63	265	<1	0.02	15	1050	188	<5	<20	11	0.17	<10	79	<10	8	162
22	50+ 25E 50 N	50	6.6	3.82	60	60	<5	0.14	2	20	59	33	4.37	10	0.73	530	<1	0.02	25	1430	62	<5	<20	13	0.15	<10	93	10	7	380
23	50+ 50E 50 N	200	8.8	2.99	210	30	<5	0.06	<1	10	29	30	2.67	<10	0.31	249	<1	0.01	11	800	124	<5	<20	6	0.11	<10	59	<10	6	165
24	50+ 75E 50 N	25	1.2	4.01	80	65	<5	0.11	3	39	58	50	4.36	10	0.78	560	<1	0.01	26	890	64	<5	<20	8	0.18	<10	97	<10	7	550
25	50E 51N A	20	0.8	2.71	40	45	<5	0.17	<1	16	76	33	4.33	10	1.06	270	<1	0.02	44	1310	62	<5	<20	12	0.14	<10	87	<10	6	158

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
26	50E 51N B	30	1.2	3.51	60	40	<5	0.13	1	12	52	24	4.06	<10	0.49	163	1	0.02	26	800	70	<5	<20	9	0.14	<10	64	<10	7	320
27	51E 48N	10	1.2	1.91	5	35	<5	0.09	<1	8	29	36	4.14	<10	0.51	187	8	0.01	8	990	24	<5	<20	11	0.15	<10	69	<10	5	69
28	51E 48+ 25 N	30	1.2	1.70	20	50	<5	0.10	<1	9	37	28	4.67	<10	0.38	89	2	0.01	6	1130	18	<5	<20	19	0.19	<10	98	<10	7	34
29	51E 48+ 50 N	120	0.8	0.59	40	30	<5	0.06	<1	6	13	17	2.36	<10	0.13	39	<1	<0.01	3	530	22	<5	<20	10	0.12	<10	58	10	5	36
30	51E 48+ 75 N	58	0.8	2.55	<5	150	<5	0.23	<1	14	51	65	4.67	10	1.18	239	<1	0.02	9	1330	14	<5	<20	22	0.18	<10	123	<10	6	44
31	51E 49N	100	10.2	3.21	245	65	<5	0.08	<1	10	29	32	3.59	<10	0.46	167	<1	0.02	8	850	84	<5	<20	8	0.17	<10	88	<10	7	124
32	51E 49+ 25 N	25	1.4	2.69	60	40	<5	0.09	<1	11	24	31	2.81	<10	0.19	176	<1	0.02	11	870	34	<5	<20	8	0.12	<10	50	<10	5	80
33	51E 49+ 50 N	20	1.4	3.78	75	60	<5	0.14	<1	16	60	31	3.86	<10	0.67	224	<1	0.02	27	1080	78	<5	<20	15	0.15	<10	83	<10	6	249
34	51E 49+ 75 N	45	1.4	3.33	50	90	<5	0.15	1	16	47	42	3.77	10	0.79	374	<1	0.02	29	720	38	<5	<20	16	0.15	<10	81	<10	6	226
35	51+ 00E 50 N	15	0.6	2.89	15	95	<5	0.15	<1	9	25	12	2.96	10	0.31	205	<1	0.02	14	810	32	<5	<20	8	0.12	<10	44	<10	8	138
36	51E 50+ 25 N	<5	0.8	2.27	60	45	<5	0.08	1	5	16	10	1.89	10	0.14	67	12	0.02	12	410	22	45	<20	9	0.11	<10	32	<10	6	146
37	51E 50+ 50 N	<5	0.8	1.76	20	45	<5	0.26	2	10	28	10	3.19	20	0.36	154	<1	0.02	13	320	18	<5	<20	18	0.17	<10	52	<10	10	190
38	51E 50+ 75 N	40	0.4	3.97	5	40	<5	0.07	<1	8	23	12	2.19	10	0.20	161	<1	0.02	11	820	28	<5	<20	7	0.11	<10	36	<10	7	92
39	51E 50+ 100 N	130	0.2	4.23	5	140	<5	0.20	1	32	128	50	5.45	20	3.33	317	<1	0.02	115	1770	32	<5	<20	17	0.26	<10	118	<10	13	290
40	51+ 50E 50 N	5	0.6	2.79	15	45	<5	0.14	<1	10	41	15	3.41	20	0.52	184	<1	0.02	22	720	28	<5	<20	12	0.14	<10	59	<10	8	93
41	51+ 75E 50 N	<5	0.2	2.08	40	55	<5	0.37	2	8	30	12	2.68	20	0.45	406	<1	0.02	18	620	20	<5	<20	20	0.13	<10	51	<10	8	301
42	52E 48N	10	1.6	3.79	5	40	<5	0.08	<1	10	26	145	3.36	20	0.38	172	6	0.02	15	970	62	<5	<20	10	0.12	<10	40	<10	8	118
43	52E 48+ 25 N	75	7.4	3.31	25	60	<5	0.11	<1	13	43	93	3.25	20	0.54	167	5	0.02	23	860	38	<5	<20	9	0.16	<10	67	<10	8	85
44	52E 48+ 50 N	20	2.4	3.66	30	35	<5	0.07	<1	10	39	27	3.18	10	0.33	60	<1	0.02	15	930	44	<5	<20	6	0.15	<10	63	<10	8	71
45	52E 48N +75 N	<5	0.4	2.52	<5	60	<5	0.09	<1	9	34	21	3.96	10	0.38	50	<1	0.02	7	580	18	<5	<20	8	0.16	<10	79	<10	8	39
46	52E 49N	<5	0.6	3.07	75	85	<5	0.17	1	25	53	64	5.17	20	1.31	414	<1	0.02	29	1240	40	<5	<20	10	0.19	<10	121	<10	9	306
47	52E 49+ 25 N	5	0.2	3.51	5	25	<5	0.05	<1	5	14	8	1.47	<10	0.08	54	<1	0.02	6	760	30	<5	<20	6	0.12	<10	23	<10	8	33
48	52E 49+ 50 N	5	0.2	4.06	15	50	<5	0.08	<1	9	41	21	3.61	20	0.52	189	<1	0.01	22	1650	42	<5	<20	14	0.11	<10	53	<10	6	101
49	52E 49+ 75 N	<5	<0.2	4.96	10	55	<5	0.06	<1	8	27	11	2.73	10	0.17	67	<1	0.02	10	990	40	<5	<20	6	0.15	<10	43	<10	9	45
50	52+ 00E 50 N	15	<0.2	2.63	30	75	<5	0.24	<1	12	43	26	2.99	20	0.75	299	<1	0.02	32	1330	24	<5	<20	16	0.11	<10	56	<10	8	166
51	50+ 25N 52 E	10	1.0	3.36	15	65	<5	0.13	<1	10	30	18	2.69	20	0.46	232	<1	0.02	21	1170	28	<5	<20	11	0.12	<10	44	<10	10	132
52	52E 50+ 50 N	5	<0.2	3.67	5	45	<5	0.10	<1	8	29	12	3.85	20	0.30	206	<1	0.02	12	1830	30	<5	<20	8	0.14	<10	53	<10	8	76
53	52E 50+ 75 N	<5	0.2	4.30	<5	45	<5	0.08	<1	10	40	11	3.47	20	0.36	98	<1	0.02	17	1540	34	<5	<20	8	0.18	<10	53	<10	9	71
54	52E 50+ 100 N	<5	<0.2	1.82	10	50	<5	0.10	<1	8	32	10	3.06	20	0.39	260	<1	0.02	16	740	20	<5	<20	9	0.11	<10	49	<10	6	66
55	No Description	<5	0.6	3.97	10	65	<5	0.60	2	10	55	19	2.65	10	0.56	129	<1	0.02	40	750	38	<5	<20	46	0.11	<10	46	<10	10	211

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn	
<b>QC DATA:</b>																															
<b>Repeat:</b>																															
1	49E 48+ 00 N	15	0.6	1.97	10	90	<5	0.20	<1	10	25	42	3.51	10	0.49	176	<1	0.02	9	1490	18	<5	<20	13	0.14	<10	66	<10	6	40	
10	49+ 25E 50 N	-	1.6	2.83	25	60	<5	0.16	1	25	108	43	5.57	20	1.87	326	<1	0.02	92	1060	28	<5	<20	17	0.20	<10	105	<10	8	549	
12	49+ 40E 50 N	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
19	50E 49+ 25 N	-	3.0	2.73	40	100	<5	0.22	1	20	65	53	4.45	10	1.07	366	<1	0.01	39	1700	34	<5	<20	18	0.15	<10	89	<10	6	251	
25	50E 51N A	25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
28	51E 48+ 25 N	40	1.2	1.72	15	50	<5	0.10	<1	9	37	29	4.71	<10	0.39	90	2	0.01	5	1130	18	<5	<20	19	0.19	<10	99	<10	7	33	
36	51E 50+ 25 N	-	0.8	2.36	15	40	<5	0.09	1	5	16	10	1.93	10	0.15	68	<1	0.02	8	420	24	<5	<20	8	0.10	<10	31	<10	6	148	
41	51+ 75E 50 N	<5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
45	52E 48N +75 N	<5	0.4	2.55	<5	65	<5	0.11	<1	10	35	21	4.00	20	0.39	50	<1	0.02	7	610	20	<5	<20	8	0.21	<10	79	<10	10	40	
54	52E 50+ 100 N	-	<0.2	1.84	10	50	<5	0.11	<1	8	32	10	3.08	20	0.40	267	<1	0.02	14	730	20	<5	<20	10	0.10	<10	50	<10	6	67	
<b>Standard:</b>																															
GEO '02		125	1.5	1.68	50	135	5	1.78	<1	22	67	87	4.00	10	0.95	655	<1	0.03	31	770	22	<5	<20	43	0.15	<10	78	<10	11	68	
GEO '02		125	1.6	1.79	55	145	5	1.65	<1	20	68	86	3.70	20	1.00	627	<1	0.03	32	690	22	<5	<20	46	0.13	<10	78	<10	12	72	

JJ/kk  
d/21/0/220  
XLS/02

  
ECO TECH LABORATORY LTD.  
Jutta Jealouse  
B.C. Certified Assayer

Bernhardt Augsten P.Ge.  
5936 Stafford Road  
Nelson, BC V1L 6P3  
Ph/Fax: (250) 229-5267

Date: August 1, 2002  
WCB # 492316-112  
GST # 896918851RT  
Invoice # 2002-13

Colwood Marine Ltd.  
P.O. Box 2808  
Revelstoke, BC  
V0E 2S0

**Re: Property Examination and report on the Gold Canyon Property**

Professional Services ( July 5, 1 day @ \$350.00)	\$350.00
Truck (July 5, 1 day @\$60.00)	<u>\$60.00</u>
Subtotal	\$410.00
GST on the above @ 7%	\$28.70
Fuel (receipts attached)	\$68.20
	<hr/> <hr/>
<b>Final Total Due</b>	<b>\$506.90</b>

## KAMLOOPS GEOLOGICAL SERVICES LTD.

910 HEATHERTON COURT

KAMLOOPS, B.C.

VIS 1P9

**RECEIVED**

OCT 17 2002

Gold Commissioner's Office  
VANCOUVER, B.C.

Telephone 828-2585

Fax No. 372-1012

E-mail: ronwellskgs@netscape.net

**TO:** Property Owners, Gold Canyon Property, BC.

**FROM:** Ronald.C. Wells, P.Geo., FGAC, Consulting Geologist

**RE:** Summary Report on the Gold Canyon Property, Slokan Mining Division, British Columbia, NTS 82F/13.

**DATE:** September 17, 2002.

---

### 1. INTRODUCTION

This is a short report on the Gold Canyon Property located south of Nakusp, BC. made at the request of the property owners. It is based on a one day field examination (September 4) of the main showing area with some detailed sampling and a subsequent review of available exploration data.

Late in 2001 the property owners made a discovery of significant bedrock gold, silver, lead and zinc (copper) mineralization in a cut bank during logging road construction at Mt. Marshal. A preliminary examination of this mineralization with sampling was conducted by Bernie Augsten P.Geo. in early July, 2002. Since this, some excavator work has better exposed the main showing. Several mining companies have visited the property this summer and conducted their own sampling with mixed results (compared to B. Augsten). This is an independent report commissioned by the owners to assess the known mineralization and exploration potential.

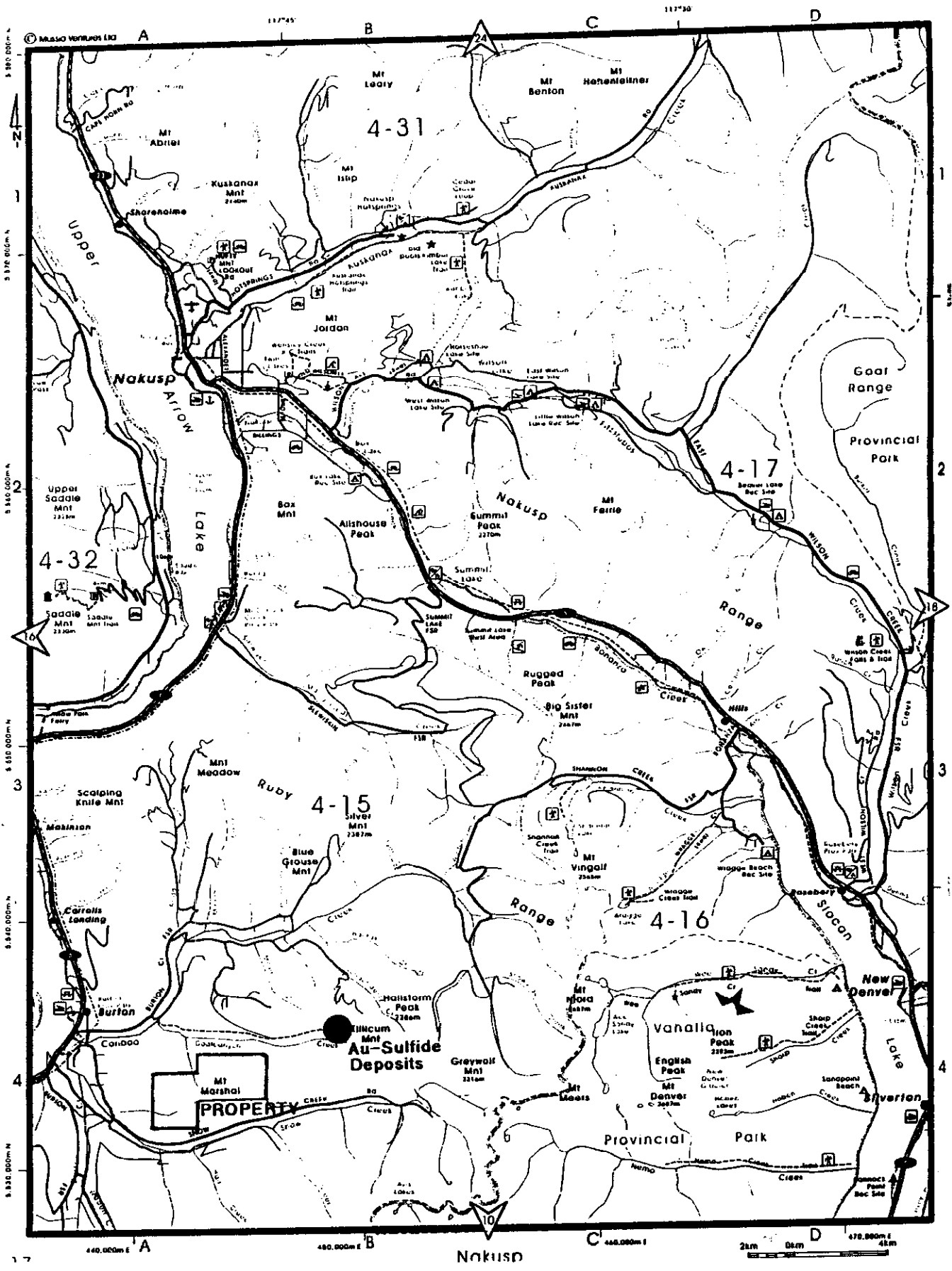
### 2. LOCATION AND ACCESS

The property is located at Mt. Marshal, 7 kilometres southeast of Burton BC, NTS 82F/13 (Figure 1) with the discovery showing at UTM 0444103E, 5535297N, elevation 1890m. There is

R. C. Wells, P.Geo., FGAC. Kamloops Geological Services Ltd.

26,950





GOLD CANYON PROPERTY: LOCATION MAP

Figure 1

good 4x4 truck access to the property via a network of logging roads east of Burton, up the Cariboo and Goatcanyon valleys. The property area has fairly steep topography with elevations in the 1000 to 1950 metre range. Recent logging activities in the area have greatly improved access. Local clear-cuts are separated by moderate to dense stands of mature fir and spruce.

### 3. PROPERTY

Since discovery in 2001 the Gold Canyon Property has grown to 52 units covering approximately 1300 hectares at Mt. Marshal. The property includes the GOLD CANYON I to VII mineral claims with the discovery area central on the original GOLD CANYON I to IV. The claims are jointly held by M. Jones, G. Buhler and L. Black.

### 4. REGIONAL GEOLOGY AND EXPLORATION

The property lies in the western part of the Tillicum Mountain Au-Ag Camp. This area features a deformed metasedimentary (some volcanics) succession, possibly Rossland Group equivalent, in an easterly trending roof pendant up to 5 kilometres wide. The pendant lies between the Goatcanyon-Halifax Creek and Nemo Lake stocks (quartz monzonite to diorite compositions). The country rocks are cut by swarms of felsic dikes which are often spatially related to Au-Ag bearing skarn and sulfide rich replacements in the Tillicum area.

The Tillicum area received a significant amount of exploration largely for high grade gold and silver in the 1980's. Both gold (Heino-Money, East Ridge Deposit, Strebe) and/or silver (Silver Queen Pb-Ag) skarn type deposits occur on Tillicum and Grey Wolf Mountains. At Tillicum, lenses and bands with up to 45% sulfide minerals feature pyrite, pyrrhotite with variable galena and sphalerite. Gold rich zones are often siliceous and hosted by altered siltstone, argillite, local marble, calc-silicate (minor volcanics). The lenses are predominantly 40 to 130 metres long, up to 2.5 metres wide and average 0.3 to >0.8 opt. Au. The East Ridge deposit is much larger and reported to contain 2 million tonnes averaging 6.9 g/t Au (Ettlinger and Ray, Paper 1989-3).

During the early 1980's the Tillicum-Burton area was largely staked and explored by a large number of junior companies. A limited amount of this was in the area covered by the property due largely to poor access. The most proximal programs (Figure 2) were by Wildcat Petroleum Inc. 1983 (Report 11747), Esperanza Exploration Ltd. 1982 (Report 11727), Knobby Lake Res. 1982 (Report 12631) and Canyon-Glory Exp. 1982 (Report 11581). These reports do not document any significant bedrock (auriferous) sulfide mineralization, however soil and creek geochemical data indicated highly elevated Pb, Zn, Au, Ag and As values in the property area. A summary of local assessment work occurs in Appendix A with locations on Figure 2.

# New Discovery: Assessment Report Numbers & Locations

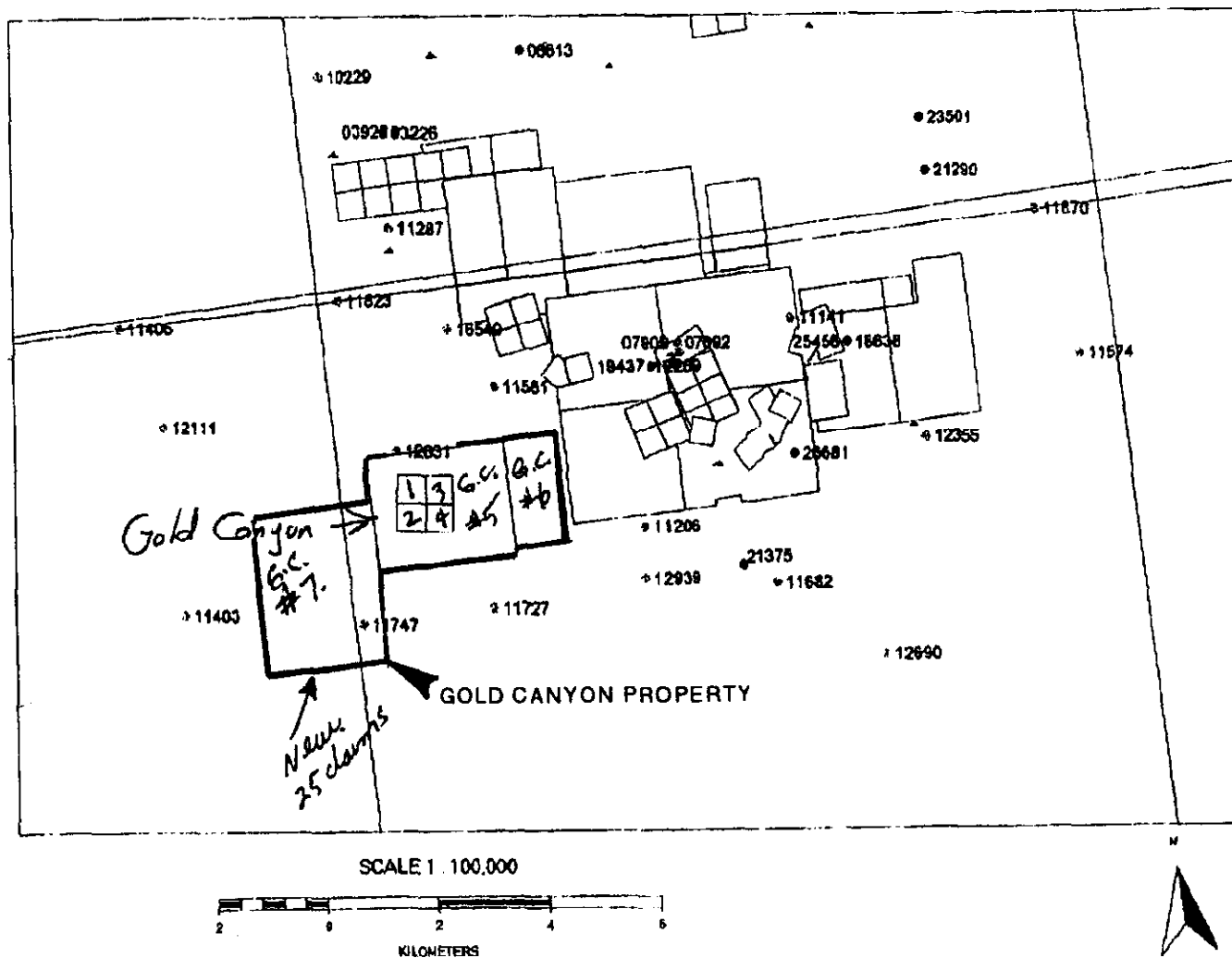


Figure 2

## 5. PROPERTY EXAMINATION

The author at the request of the owners visited the discovery showing area on the property on September 4<sup>th</sup>. A full day was spent examining and sampling the showing plus some other outcrops and a small pit to the east along the logging road. The geology and sample locations at the main road-cut are shown on Figure 3. All of the sampling was by the author, involving 2 by 1 metre chip-panels across the mineralization where possible. Nine samples were taken from the road-cut (Figure 3) and one from a small pit to the east (Figure 4). The samples were sent to Eco Tech Laboratory in Kamloops for gold assay and multi-element ICP (Ag-Pb-Zn assays on higher values). Certificates of Assay/Analysis AK2002-313 occur in Appendix B.

### A) Discovery Road-Cut Geology

The original discovery occurs near the northern end of a cut-bank exposing a 120 metre length of bedrock; most of this is shown in Figure 3.

A sequence of deformed and silicified (hornfels) metasediments display variable fine to crude bedding with north to ENE strikes and steep west to east dips. These are intruded by several leucocratic biotite granite to quartz monzonite dikes/sills with similar NE trending and subvertical contacts (sharp). South of the showing area these include (earlier?) dikes of much darker grey to greenish monzonite to monzodiorite with steeply dipping contacts.

The discovery area features a metasedimentary sequence with approximately 15 metres (true) width, sandwiched between two steeply dipping biotite granite/quartz monzonite sills. These sediments are siliceous hornfels, often cherty and fractured with heavy concentrations of fine to medium grained sulfides. Veinlets, disseminations and local metre scale replacement style lenses and pods contain pyrite, pyrrhotite, galena, dark sphalerite and local chalcopyrite. The strongest concentration of these occur in two main areas:

1. Proximal to the south intrusive contact
2. A northerly trending zone of interconnecting veinlets and lenses for a 16 metre length. This appears subparallel to bedding and continues to the southern intrusive contact (10 to 20° to road).

### B) Sampling Results






- The results from the sampling program at the road cut (Figure 3) were encouraging with the strongest gold values proximal to the southern intrusive contact. A 4 metre sample interval (2.5 metres true width?) Including samples 4112 and 4113 averaged:

# MAIN SHOWING - ROAD CUT: SUMMARY GEOLOGY AND SAMPLING

## GOLD CANYON PROSPECT NTS:82F/13

LOOKING SOUTHEAST

### LEGEND

-  Leucocratic Qtz. Monzonite-Granite
-  Monzonite-Monzodiorite
-  Siliceous Hornfels-Metasediments
-  Chip-Panel Sample
-  Type Sample

R.C. WELLS 4:9:02

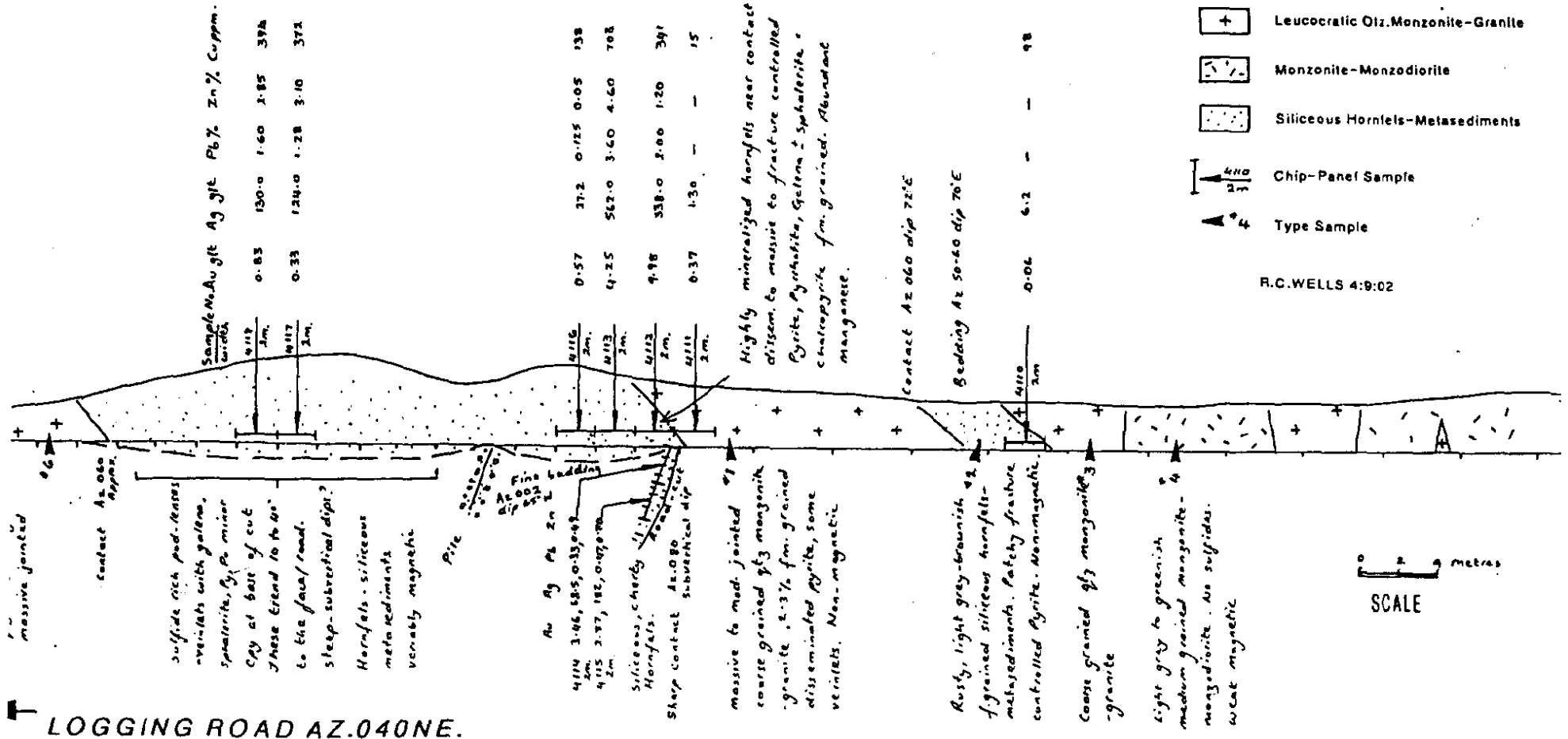


Figure 3

7.25 g/t Au (0.212 opt), 450 g/t Ag (13.14 opt), 2.80% Pb, 2.90% Zn  
Includes 2m @ 9.98 g/t Au in 4112).

There was no intrusive material in this sample, however a 2m adjacent chip-panel 4111 entirely in intrusive returned 0.37 g/t Au (low Ag, Pb, Zn).

- Sampling perpendicular to this, across the road and sedimentary bedding (samples 4114, 4115) returned lower values with a 4 metre true width interval averaging:

3.17 g/t Au, 125.25 g/t Ag, 0.40% Pb, 0.65% Zn.

It is important to note that this sampling is perpendicular to bedding but not the intrusive contact. The two sample intervals are basically testing different areas of mineralization.

- Sampling of the sulfide zone to the north was difficult because of its orientation subparallel to the face. A 4 metre long by 1 metre wide chip-panel including samples 4117 and 4118 averaged:

0.58 g/t Au, 127 g/t Ag, 1.44% Pb, 2.98% Zn.

This sample had a greater than one metre true width to mineralization.

- Sampling across a narrow wedge of silicified metasediments to the south (sample 4110) returned elevated Au, Ag, Pb, Zn and As values.
- A test sample 4119 was taken from a pit along the road 350 metres east of the discovery area (Figure 4). This pit exposes variably banded siliceous metasediments with some green pyroxene, disseminated pyrite and chalcopyrite. A 2 metre chip-panel sample returned anomalous gold (0.15 g/t), copper (315 ppm), Pb (116 ppm) and Zn (180 ppm).

### C) Comparison with B. Augsten Sampling Results 2002

The sampling by B. Augsten earlier this year took place before the showing was better exposed by excavator work (owners). Besides chip sampling Augsten also took 'character grabs' from massive sulfide lenses, for example GC002 (26.50% Pb, 2.85% Zn, 3370 g/t Ag, 3.88 g/t Au) and GC006 (4.52% Pb, 7.30% Zn, 339 g/t Ag, 5.74 g/t Au). The author did not see a need for repeating this selective sampling which adequately characterized mineralization.

Some comparisons are possible between the sampling on the north and south mineralized zones at the discovery showing:

	Sample Length	Au g/t	Ag g/t	Pb%	Zn%	As ppm
<b>South Contact Zone</b>						
R. Wells	4.0 m	7.25	450.00	2.80	2.90	542.5
B. Augsten	3.2 m	5.64	514.81	3.30	1.29	506.7
<b>North Zone</b>						
R. Wells	4.0 m	0.58	127.00	1.44	2.98	80
B. Augsten	1.2 m	2.12	102.00	1.16	0.48	805

Given the irregular distribution of sulfides the two sets of analyses (averages) are quite similar. The differences in North Zone values in particular gold and zinc reflect the differences in sample size and areas being sampled. It is interesting to note that the wider South Contact Zone samples by Wells returned higher average gold-zinc and lower lead-silver than Augsten's.

## 6. SOIL GEOCHEMICAL GRID

A soil grid 400 by 350 metres with 100 metre spaced lines was installed by the owners (outlined by B. Augsten) to cover the interpreted mineralization trend. Soil samples were collected for the owners during a property examination by A. Pauwel's group (Goldbrick Enterprises).

Anomalous soil trends were determined by the author as shown in Figure 4. Note Line 53E was not sampled.

- The Discovery area (main showing) lies at the western end of a coincident Au-Ag-Zn± Pb soil anomaly trending parallel to the base line and subparallel to intrusive contacts Az 070ENE. There is an apparent downslope dispersion of silver values to the northwest.
- Another Au-Ag ± Zn soil anomaly with more easterly trend lies 50 metres to the south and has local golds >200ppb (Ag>3g/t). This 300 metre long anomaly has one station (25 metres) width and is open at either end. It appears to correlate with a metasedimentary band with fine sulfides (including pyrite) which is exposed near the south end of the discovery road-cut. Rock sampling is clearly warranted in this area.

*R. C. Wells, P.Geo., FGAC. Kamloops Geological Services Ltd.*

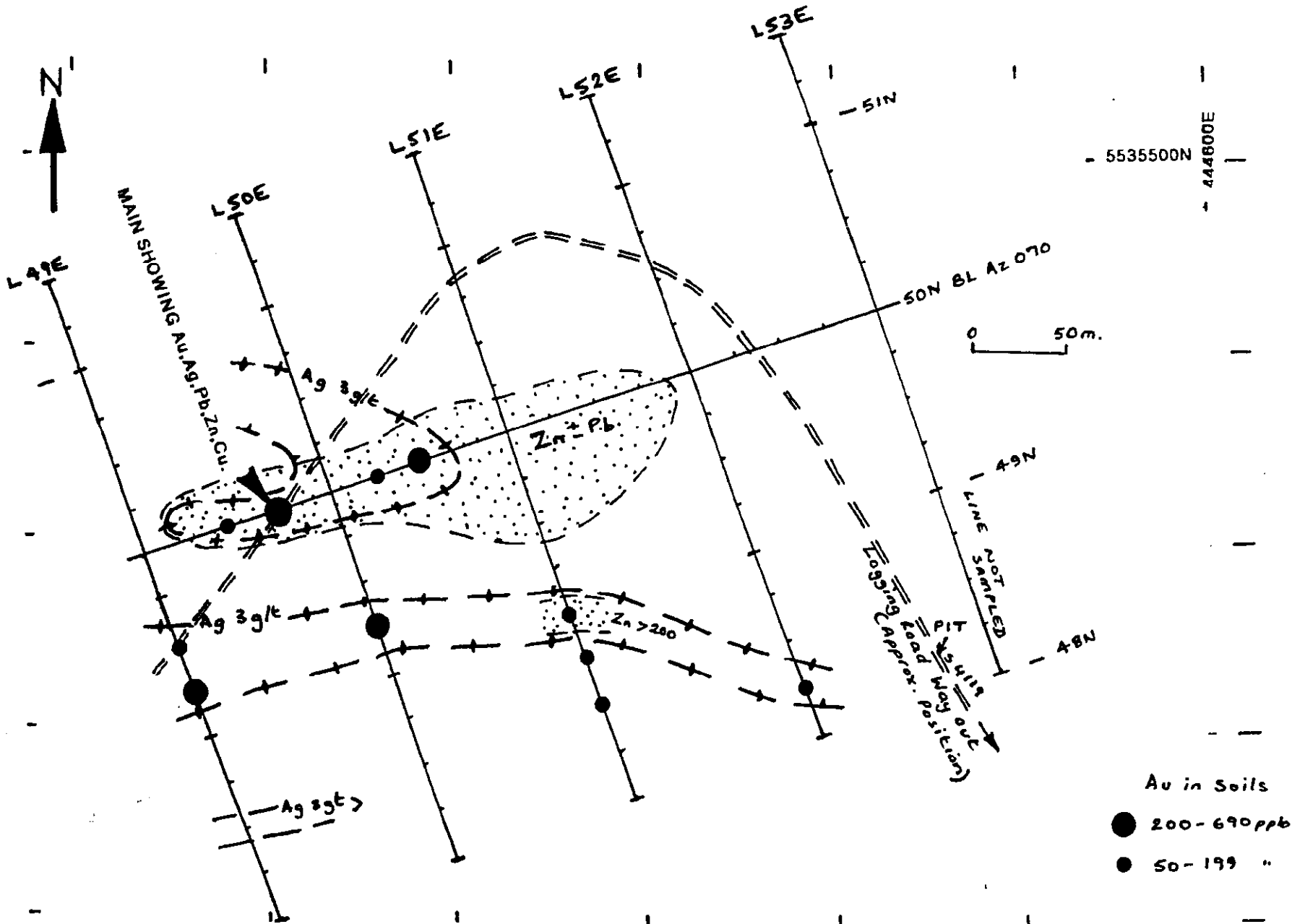


Figure 4 GOLD CANYON PROSPECT : SOIL GRID 2002

SOIL GEOCHEMISTRY



## 7. CONCLUSIONS AND RECOMMENDATIONS

- The sulfide mineralization exposed in the road-cut on the Gold Canyon Property constitutes a 'New Discovery' and features significant gold-silver values with associated lead, zinc and minor copper.
- The style and setting of Au-sulfide mineralization has many features in common with that documented for deposits in the Tillicum Camp to the east.
- There has been very limited exploration on the property to date and the recent improved road access is a major bonus.
- The potential is for polymetallic mineralization with local high grade gold  $\pm$  silver zones (high dollar value per tonne). One or more of these targets are already indicated by a very limited amount of recent work in the discovery area.

The size potential is difficult to predict as both small (Heino-Money) and large (Tillicum East Zone) gold zones are known to occur in the area.

- The property owners are not actively engaged in mineral exploration and do not have an extensive background in this field. It is strongly recommended that a favourable option agreement be pursued with a reputable mining company that will commit to a significant exploration program on the Gold Canyon Property.

R.C.Wells P.Geo, FGAC.

*R. C. Wells, P.Geo., FGAC. Kamloops Geological Services Ltd.*

**APPENDIX B**

*R. C. Wells, P. Geo., FGAC. Kamloops Geological Services Ltd.*



**ASSAYIN  
GEOCHEMISTI  
ANALYTICAL CHEMISTI  
ENVIRONMENTAL TESTIN**

10041 Dallas Drive, Kamloops, B.C. V2C 6  
Phone (250) 573-5700 Fax (250) 573-45  
email: ecotech@direct

**CERTIFICATE OF ASSAY AK 2002-313**

**KAMLOOPS GEOLOGICAL SERVICES LTD.**  
910 HEATHERTON COURT  
KAMLOOPS, B.C.  
V1S 1P5

13-Sep-02

**ATTENTION: RON WELLS**

*No. of samples received: 10*  
*Sample type: Rock*  
*Project #: CM-1*  
*Shipment #: None Given*  
*Samples submitted by: Ron Wells*

ET #.	Tag #	Au (g/t)	Au (oz/t)	Ag (g/t)	Ag (oz/t)	Pb (%)	Zn (%)
1	04110	0.06	0.002	-	-	-	-
2	04111	0.37	0.011	-	-	-	-
3	04112	9.98	0.291	338	0.86	2.00	1.20
4	04113	4.25	0.124	582	16.39	3.60	4.60
5	04114	3.46	0.101	68.5	2.00	0.33	0.49
6	04115	2.87	0.084	182	5.31	0.47	0.80
7	04116	0.57	0.017	-	-	-	-
8	04117	0.33	0.010	124	3.62	1.28	3.10
9	04118	0.83	0.024	130	3.79	1.60	2.85
10	04119	0.15	0.004	-	-	-	-

**QC/DATA:**

**Resplit:**

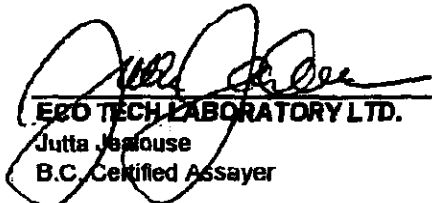
R/S 1	04110	0.04	0.001	-	-	-	-
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**Repeat:**

1	04110	0.05	0.001	-	-	-	-
---	-------	------	-------	---	---	---	---

**Standard:**

STD-M		1.84	0.054	-	-	-	-
Mp-1A		-	-	70.0	2.04	4.30	-

  
**ECO TECH LABORATORY LTD.**  
Jutta Jeschouse  
B.C. Certified Assayer

XLS/02  
FAX: 372-1012

13-Sep-02

ECO TECH LABORATORY LTD.  
10041 Dallas Drive  
KAMLOOPS, B.C.  
V2C 6T4

ICP CERTIFICATE OF ANALYSIS AK 2002-313

KAMLOOPS GEOLOGICAL SERVICES LTD.  
910 HEATHERTON COURT  
KAMLOOPS, B.C.  
V1S 1P5

Phone: 250-573-5700  
Fax : 250-573-4557

ATTENTION: RON WELLS

No. of samples received: 10  
Sample type: Rock  
Project #: CM-1  
Shipment #: None Given  
Samples submitted by: Ron Wells

Values in ppm unless otherwise reported

El.#	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Br	Ti %	U	V	W	Y	Zn
1	04110	6.2	2.93	930	15	<5	1.62	<1	24	118	98	4.66	<10	1.32	985	4	0.15	37	1070	144	<5	<20	32	0.11	<10	144	<10	4	277
2	04111	1.3	0.63	<5	25	<5	0.12	<1	3	102	15	1.70	10	0.18	467	2	0.04	8	430	80	<5	<20	8	0.02	<10	19	<10	4	142
3	04112	>30	1.00	220	15	50	0.71	176	15	139	341	6.52	<10	0.41	2148	1	0.04	21	910	>10000	310	<20	18	0.11	<10	28	<10	4	>10000
4	04113	>30	0.88	865	<5	<5	0.47	533	27	120	703	>10	20	0.68	2313	<1	0.03	27	210	>10000	420	<20	17	0.19	10	32	<10	6	>10000
5	04114	>30	1.83	100	25	<5	0.87	56	18	147	301	8.11	<10	0.60	643	2	0.08	29	910	3224	115	<20	34	0.10	<10	89	<10	5	4478
6	04115	>30	1.20	105	25	<5	0.38	110	18	185	286	7.18	10	0.49	1012	7	0.04	21	620	4854	135	<20	17	0.11	<10	85	<10	5	7640
7	04116	27.2	3.70	710	30	<5	2.05	<1	32	119	138	5.38	<10	1.27	1096	<1	0.15	47	1240	1252	10	<20	123	0.12	<10	138	<10	7	505
8	04117	>30	0.88	30	<5	<5	0.17	374	18	151	372	>10	10	0.49	1446	12	0.03	16	320	>10000	75	<20	5	0.12	<10	24	<10	4	>10000
9	04118	>30	0.79	130	<5	<5	0.13	379	17	123	394	>10	10	0.50	1188	<1	0.03	20	480	>10000	80	<20	8	0.12	10	29	<10	5	>10000
10	04119	3.6	1.94	10	15	<5	0.84	2	8	114	315	2.99	<10	0.45	299	22	0.16	9	770	116	5	<20	60	0.06	<10	20	<10	6	180

QC/DATA:

Repeat:

R/S 1	04110	6.4	2.86	945	15	<5	1.62	<1	24	129	98	4.66	<10	1.29	988	4	0.15	37	1100	184	<5	<20	29	0.11	<10	144	<10	5	301
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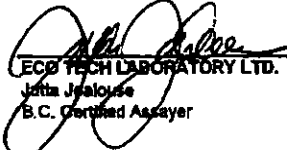
Repeat:

1	04110	6.2	2.90	955	15	<5	1.65	<1	24	120	95	4.63	<10	1.30	999	4	0.15	37	1110	158	<5	<20	31	0.11	<10	145	<10	5	299
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Standard:

GEO02		1.6	1.51	80	135	<5	1.59	<1	19	70	82	3.58	<10	0.91	615	<1	0.04	33	880	44	<5	<20	39	0.11	<10	72	<10	8	78
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dl/313  
XLS/02  
FAX: 372-1012

  
Jutta Jesalove  
B.C. Certified Assayer

## STATEMENT OF PHYSICAL WORK

## GOLD CANYON CLAIMS I - VII

Laying Out of Claim Boundaries

Snowmobile rentals	\$ 856.00
Pickups	1,050.00
Fuel	528.00
Food	220.00
Labour	4,700.00
A.T.V. Rentals	500.00

Grid Establishment for Geochemical Analysis.

Labour	500.00
Pickups	130.00

Mobilize Equipment.

Excavator and Drill	2,694.13
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Road Reconstruction.

300 Excavator 5 hrs. @ \$175.00	875.00
Labour 5 hrs. @ \$ 35.00	175.00

Trenching.

300 Excavator 7.5 hrs. @ \$175.00	1,312.50
Labour (Faller) 1 day @ \$350.00	350.00
Drill 2 days	464.05
Labour (Driller) 18 hrs @ \$ 35.00	630.00
Explosives	425.00
Pickups 4X4 (2) 3 days @ \$ 60.00	360.00
Machine Fuel	476.00

TOTAL EXPENDITURE

\$ 16,245.68

**STATEMENT OF TECHNICAL WORK**  
**GOLD CANYON CLAIMS I - VII**

**Geological.**

Engage Bernhardt Augsten ( Professional Geologist ) for a site visit to take samples of the discovery, and prepare a report on the analysis of the property.	\$ 506.90
Labratory Analysis	475.75
Engage Ron Wells ( Professional Geoscientist ) for a site visit and to prepare a report on the analysis of the property.	1,512.90

**Geochemical.**

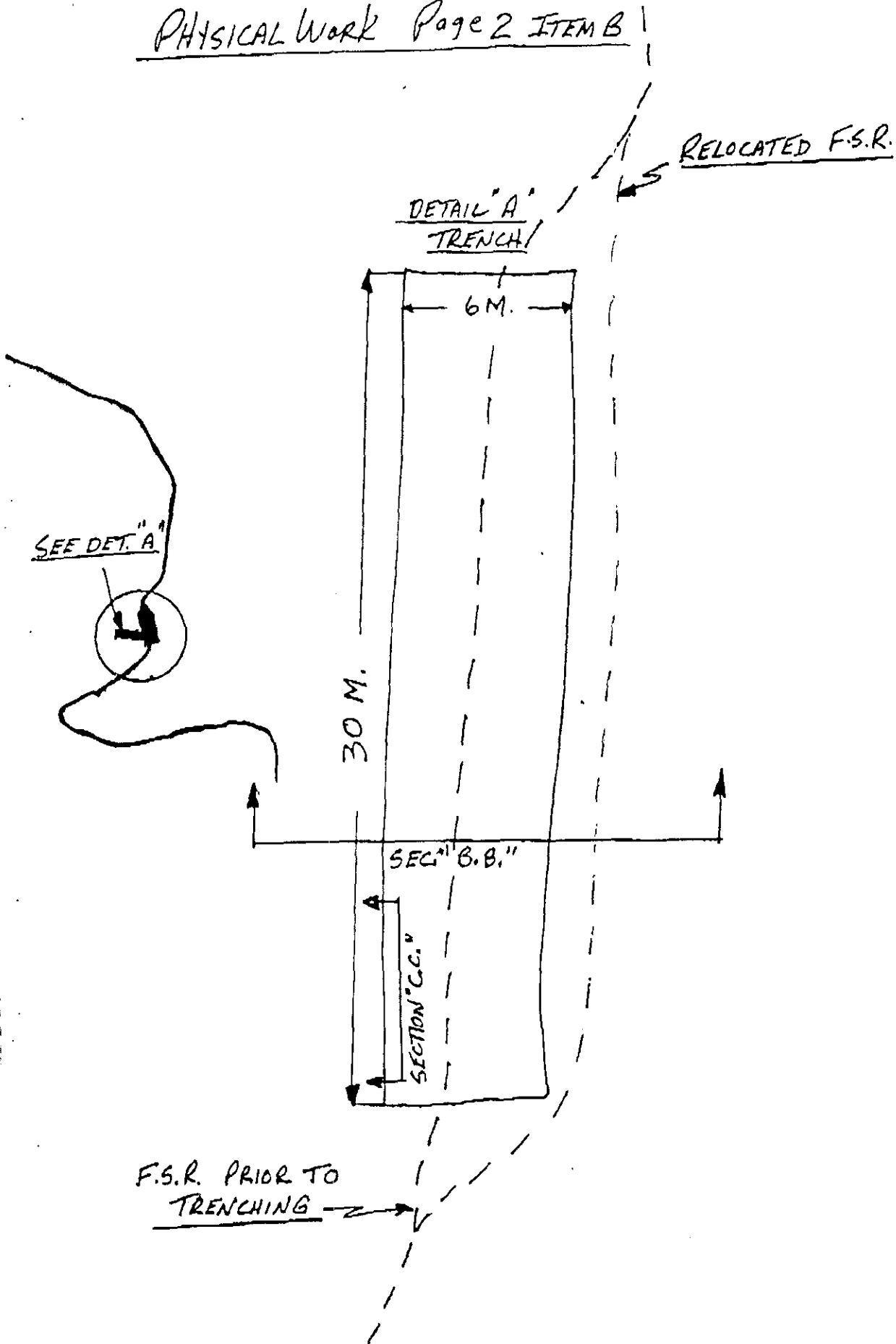
Take soil samples from 300 l.m. X 300 l.m. grid for Geochemical Analysis. (See attached sketch.)

Labour	870.00
Pickups	130.00
Lab. Analysis	1,059.30

**TOTAL EXPENSE**

**\$ 4,554.85**

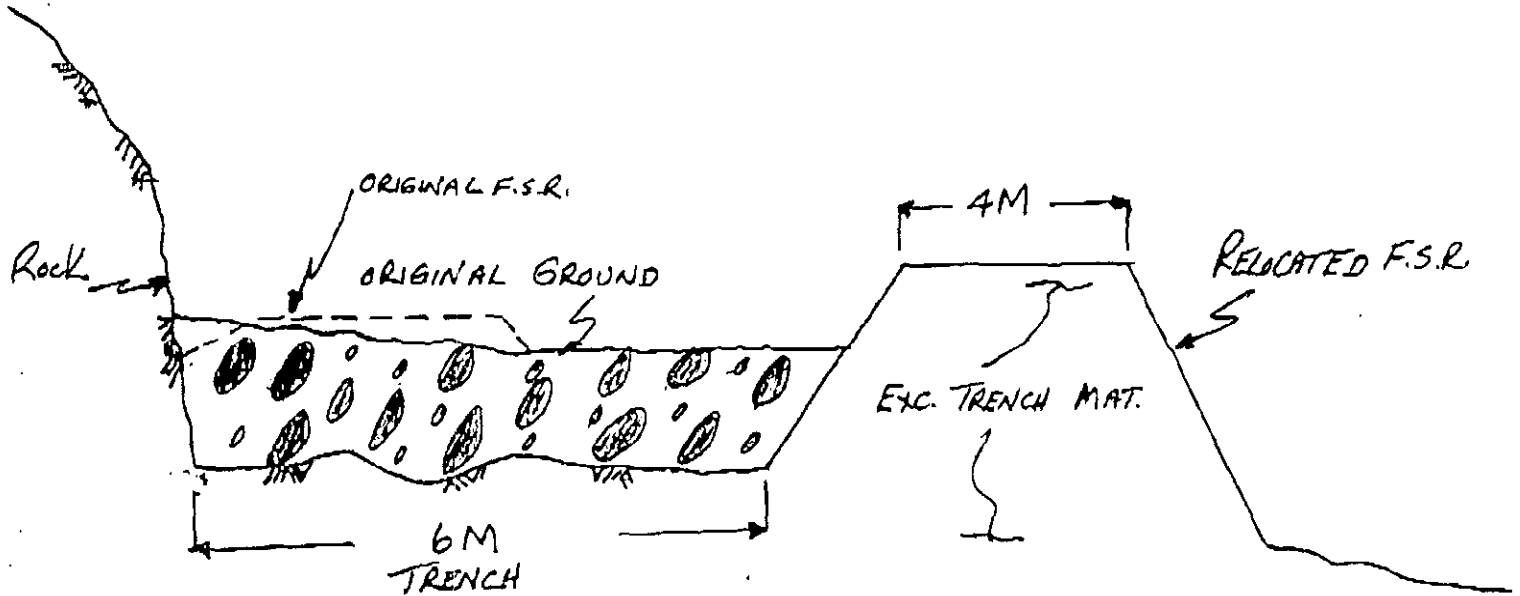
PHYSICAL WORK Page 2 ITEM B



SECTION "B.B." (N.T.S.)

PHYSICAL WORK PAGE 3

ITEM B1C



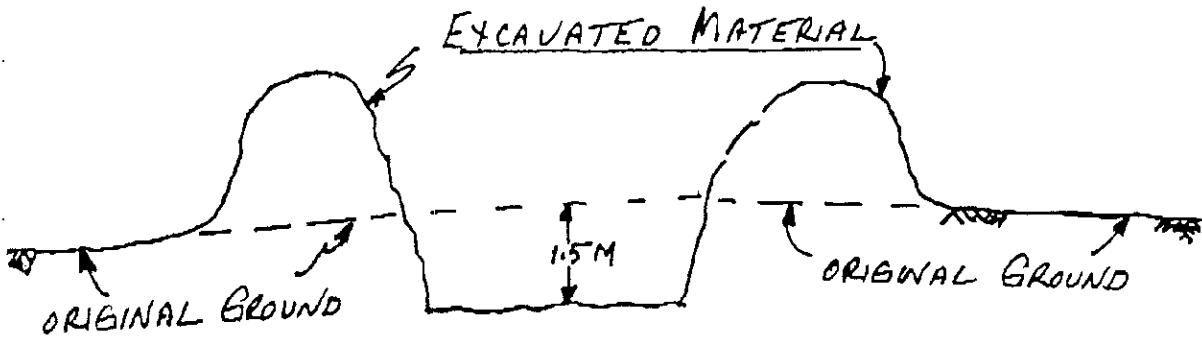
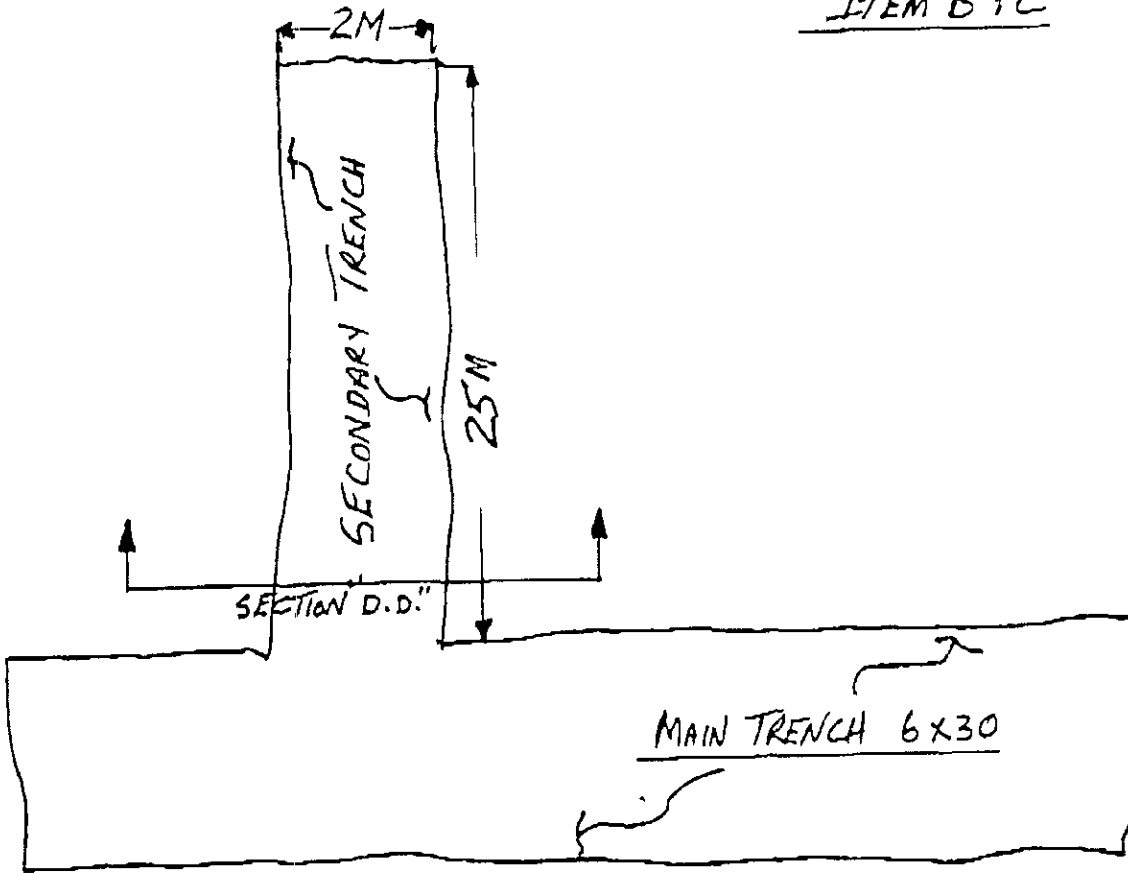
- APPROXIMATELY 600M<sup>3</sup> EXCAVATED FROM TRENCH
- APPROXIMATELY 40 BAGS OF SAMPLES ANALYSED



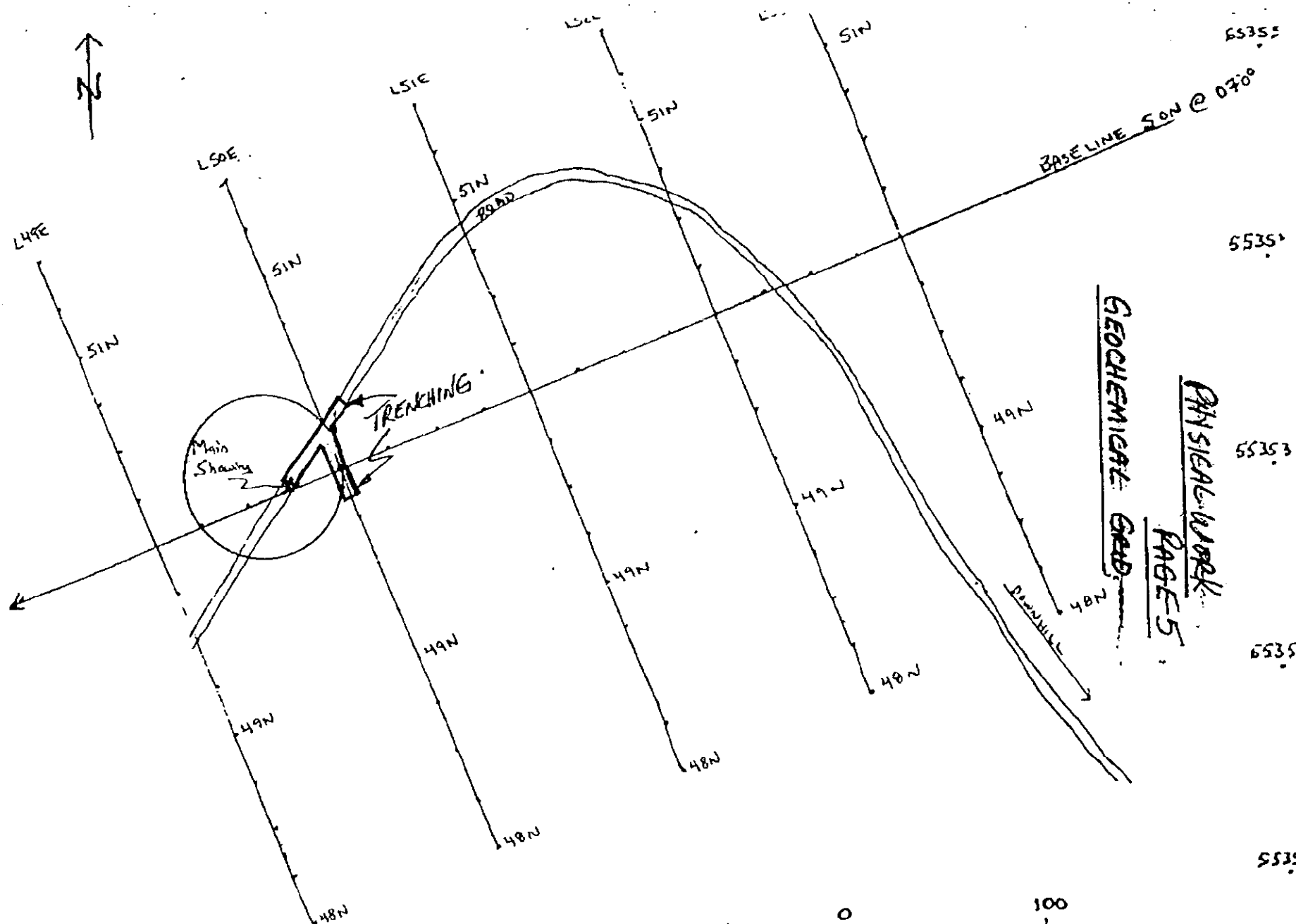
SECTION 'C.C.' (N.T.S.)

PHYSICAL WORK PAGE 4

ITEM B & C

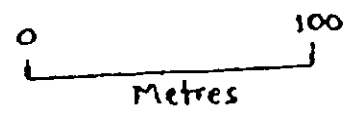


SECTION 'D.D.' (N.T.S.)



Note: Road location approximate.

1cm = 25 metres



444000

444100

444200

444300

444400

444500

4441

5535

5535

5533

5535

5535

GEOCHEMICAL GRID

PHYSICAL WORK  
PAGE 5

