FINAL REPORT ON PROSPECTING BY WALTER EGG ON THE SHEEP CREEK MAP SHEET 105F/7 AND THE PASS PEAK MAP SHEET 105F/10

92-133

UNDER THE YUKON MINING INCENTIVES PROGRAM AGREEMENT

1992

PREPARED BY KELINDA SAX, B.Sc.

10 DECEMBER 1992

INTRODUCTION

This grassroots prospecting program was undertaken in two trips to one area on the Sleep Creek map sheet, 105F/7, and the Pass Peak map sheet, 105F/10, located on the east side of the South Canol road, along the Upper Sheep Creek tote road. The original prospecting program first proposed was to target the Askin Lake group of carbonate rocks, but the prospectors involved were sidetracked by the presence of gossans and mineralization to the south of the belt carbonates. See the Interim Report by Walter Egg, in the appendix.

The original project proposal still remains viable and it is hoped that next year, this project will receive the attention it deserves. The Sheep Creeks area that was actually prospected also shows potential, and also deserves more work.

OBJECTIVE

This was a grassroots prospecting program, to regionally look for favourable mineralization packages within targeted rock types, the first being the Askin Lake carbonates, and later, Proterozoic metasediments.

GEOGRAPHY AND ACCESS

The prospected area is bounded by the Upper Sheep Creek and Lower Sheep Creek drainages, east of the South Canol Road. Access off the South Canol is provided by a tote road that follows Upper Sheep Creek, as was built to service the Stormy Minfile (105F-011) deposit.

GEOLOGY

The general geology of this area is reported in the Open File 486, edition 2, published by the GSC. The host rocks are variously deformed phyllites, schists, gritty metasiltstones, and rare limestone. These are cut by quartz veins and feldspar porphyry dikes. There are unaltered, Cretaceous quartz monzonite intrusion to the east, in the upper reaches of Upper Sheep Creek. The Minefile Occurrence 105F 011 "Stormy", which is a molybdenum and tungsten, with minor uranium, skarn deposit, is associated with this intrusion, called by Abbott the Nisutlin Batholith.

The area of note is considered to be part of the Cloutier Thrust sheet, consisting of early Cambrian grey weathering calcareous mica schist and marble (Abbott, 1986), and is located to the south of the Seagull Uplift. There also appears to be another thrust fault cutting through the area

with the most anomalous rock samples (Abbott, p. 57). The mineral potential in this area is good.

WORK

Work consisted of prospecting, rock sampling, and digging through snow banks to try to find outcrop.

Rock outcrop and float were sampled and analyzed for gold and 30 element ICP. All rock descriptions and selected geochemical results can be found on the daily traverse reports. All geochemical results are located in the appendix.

RESULTS

The rock samples 92AL-03, 92AL-06, and 92AL-09 are moderately to highly anomalous in gold, silver, copper, lead, zinc, and except for 92AL-03, arsenic. 92AL-03 and 09 are schistose rocks, with very fine grained pyrite and pyrrhotite along laminae. 92AL-06 is a float sample of quartz carbonate feldspar porphyry, with pyrite, pyrrhotite, galena, and very fine grained sphalerite. These samples are located at least 1 kilometer from each other. The possibility exists that these are only spot occurrences, but they may also indicate the potential for more widespread mineralization.

CONCLUSION

While there have been at most five rocks with encouraging geochemical results, the proximity of a known skarn deposit, the magnitude of the anomalous values, and the relative locations of these samples, all indicate that further work is warranted. Detailed prospecting of the area is recommended, and wide spaced soil sampling should be done where outcrop is sparse. This could be done in conjunction with the original Askin Lake proposal, or this project could stand by itself.

BIBLIOGRAPHY

Open File 486: Geological Maps of the Quiet Lake (105F) and Finlayson Lake (105G) Map Sheets. Compiled by D.J. Tempelman-Kluit, 1977. GSC.

Yukon Minfile: Canada Yukon Economic Plan - Mineral Resources Subagreement. Quiet Lake (105F) Map Sheet, revised 91/07/09.

Abbott, J.G., 1986: Epigenetic Mineral Deposits of the Ketza-Seagull District, Yukon. Yukon Geology, Vol. 1, Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada, p. 56-66.

Walter Egg
Project Proposal For Grassroots Prospecting

Immediately south of Ross River and the Tintina Trench there is a narrow belt of carbonate rocks (Askin group) trending northwest-southeast. Within this belt and in the rocks surrounding it are well known occurences of barite, lead, zinc, silver, and gold. The Ketza River deposit is located at the southeast extent of this belt, and the Clear Lake deposit is located near the northwest end. So far there has been little work done to relate the two, or to prospect this belt in view of finding similar deposits. Also, the Grew Creek gold deposit is located immediately north of this belt, indicating further mineralizing events along the southwest side of the Tintina Trench.

If these carbonate rocks are the result of a rifting event, the possibility of clusters of sedimentary exhalitive deposits or manto type deposits existing within or near this belt are very good.

It is also a very good area for detailed prospecting because of the existing infrastructure in the area. There is good road access, and two mine sites with equipment and mills close by, at Faro and at Ketza River.

Thorough and detailed prospecting will be necessary in this target area due to the structural complexity of the rocks, and the roughness of the terrain. I would like to spend at least 60 field days in this area, and hopefully more. I would also like to hire an assistant in order to be able to cover more ground. Traverses would be roughly from Askin Lake in the northwest to Seagull Creek in the southeast, covering map sheets 105F 10, 14 and 15.

I was working as a prospector for Orequest in this area and around Faro in 1988, and was struck by the mineral potential in the area. I am looking forward to prospecting in this area again.

INTERIM REPORT
18 SEPTEMBER 1992
BY WALTER EGG

21 July to 27 July 1992. Set up camp at Upper Sheep Creek, to access the Askin Lake package through an area of the least staked mineral claims and native land claims. Access proved to be undesirable due to topography and snow conditions.

Sidetracked by some spectacular gossanous peaks, I decided that it would warrant a fe days prospecting. Samples 92AL-01 to 92AL-11 were taken.

After receiving the assay results, I thought that 92AL-01 (Au ppb 306) and 92AL-02 (Au ppb 566) were anomalous enough to warrant a second look. Sample 92AL-12 was taken nearby and 92AL-13 tried to copy 92AL-01 and 02. Further prospecting in the immediate vicinity did not locate significant mineralization.

Following up sample 92AL-09 (Au ppb 6733) was impossible due to 15 to 20 cm of new snow at that elevation (about 1800 m).

2 JULY 22/92

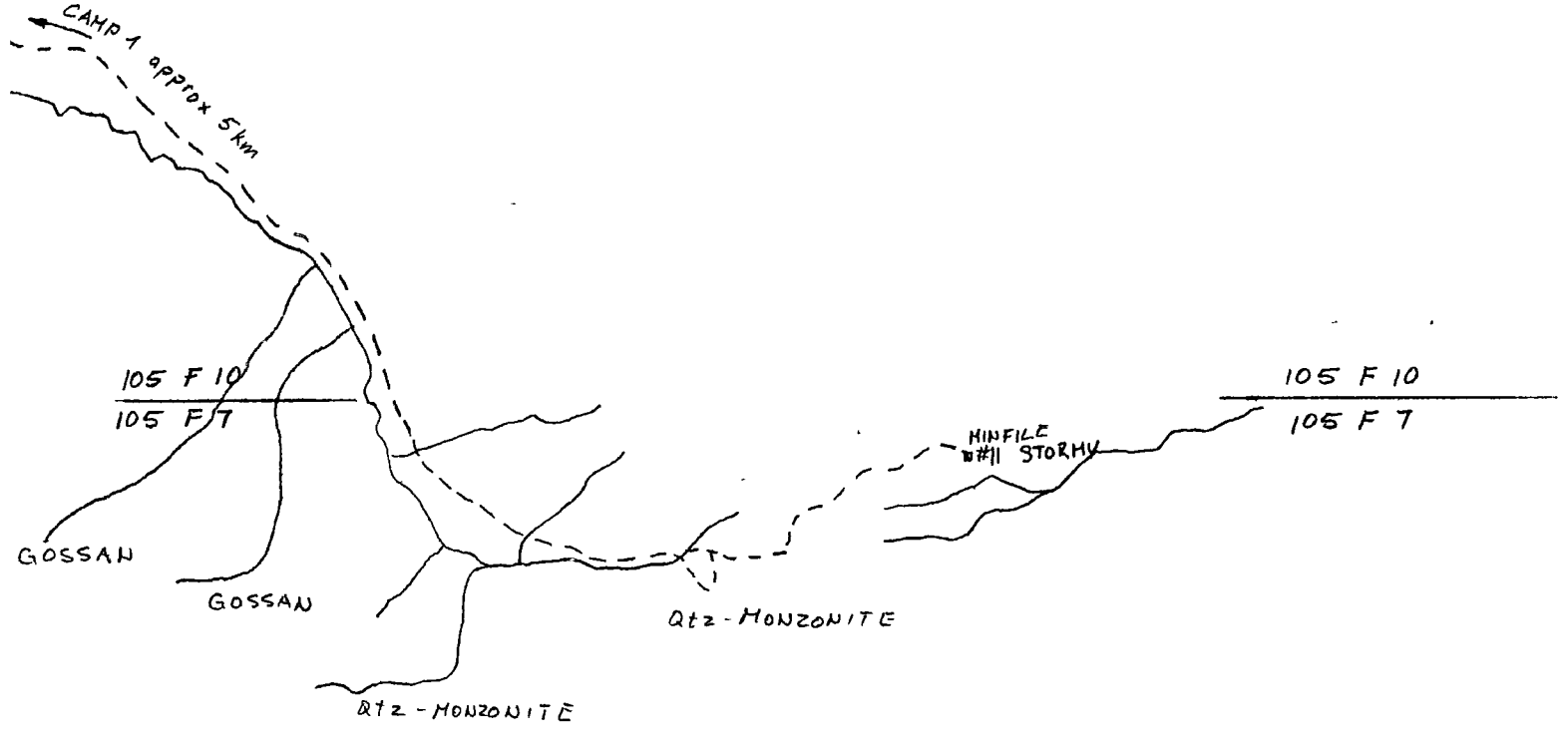
TRIED TO ACCESS ASKIN LAKE PACKAGE THROUGH OLD MINE ROAD (MINFILE # 11 STORMY) SNOW IN THE SADDLE PREVENTED ME TO GET INTO THE SEAGULL LAKE DRAINAGE. HOWEVER, SEVERAL PROMINENT GOSSANS SOUTH OF THE ROAD GOT MY ATTENTION. QTZ-MONZONITE EAST AND SOUTHEAST OF GOSSANS.

13 JULY 21ST/92

Travel to area from Tagish

14-? JULY 27th

travel to Tagish

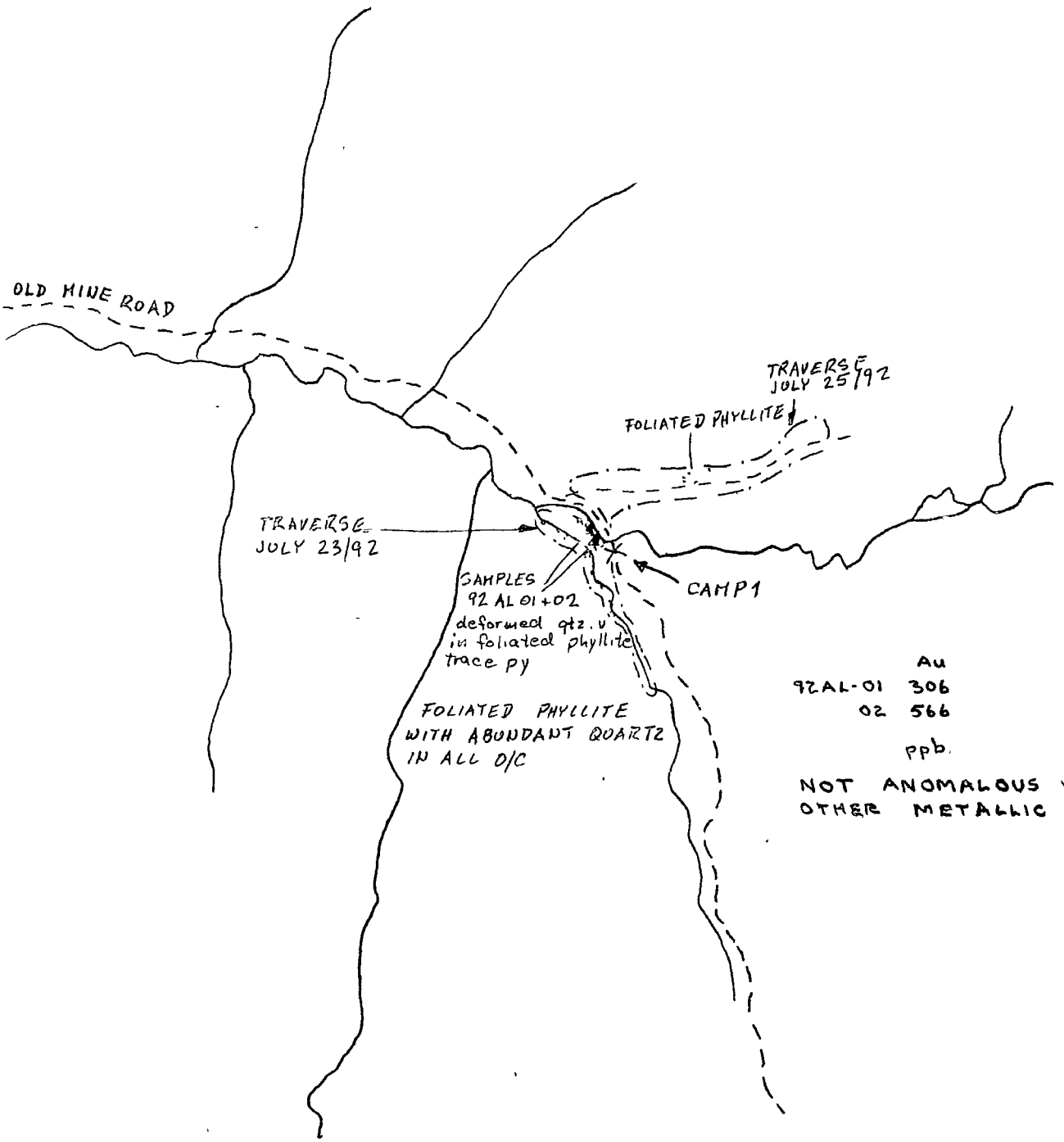


3 23 JULY '92
4 25 JULY '92

▲ - SAMPLE LOCATION
- - - - BUSH ROAD
⁘ OUTCROPS
-.-.-.- TRAVERSE

N

MAP 105 F-10
SCALE 1:30000
METRES 0 1000



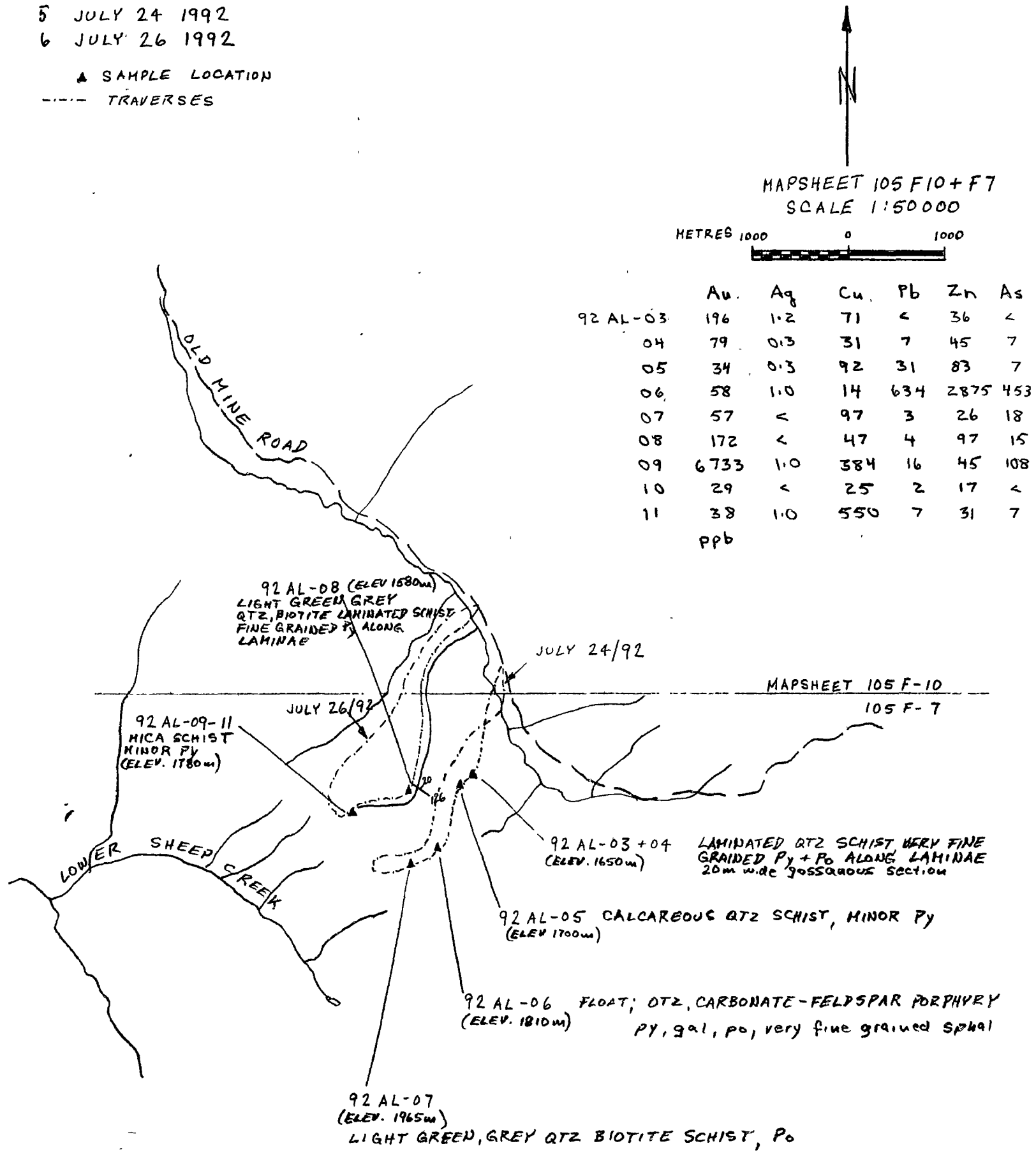
	Au
92AL-01	306
02	566

ppb.

NOT ANOMALOUS WITH ANY OTHER METALLIC ELEMENT.

TRAVERSE
5 JULY 24 1992
6 JULY 26 1992

▲ SAMPLE LOCATION
-·-·- TRAVERSES

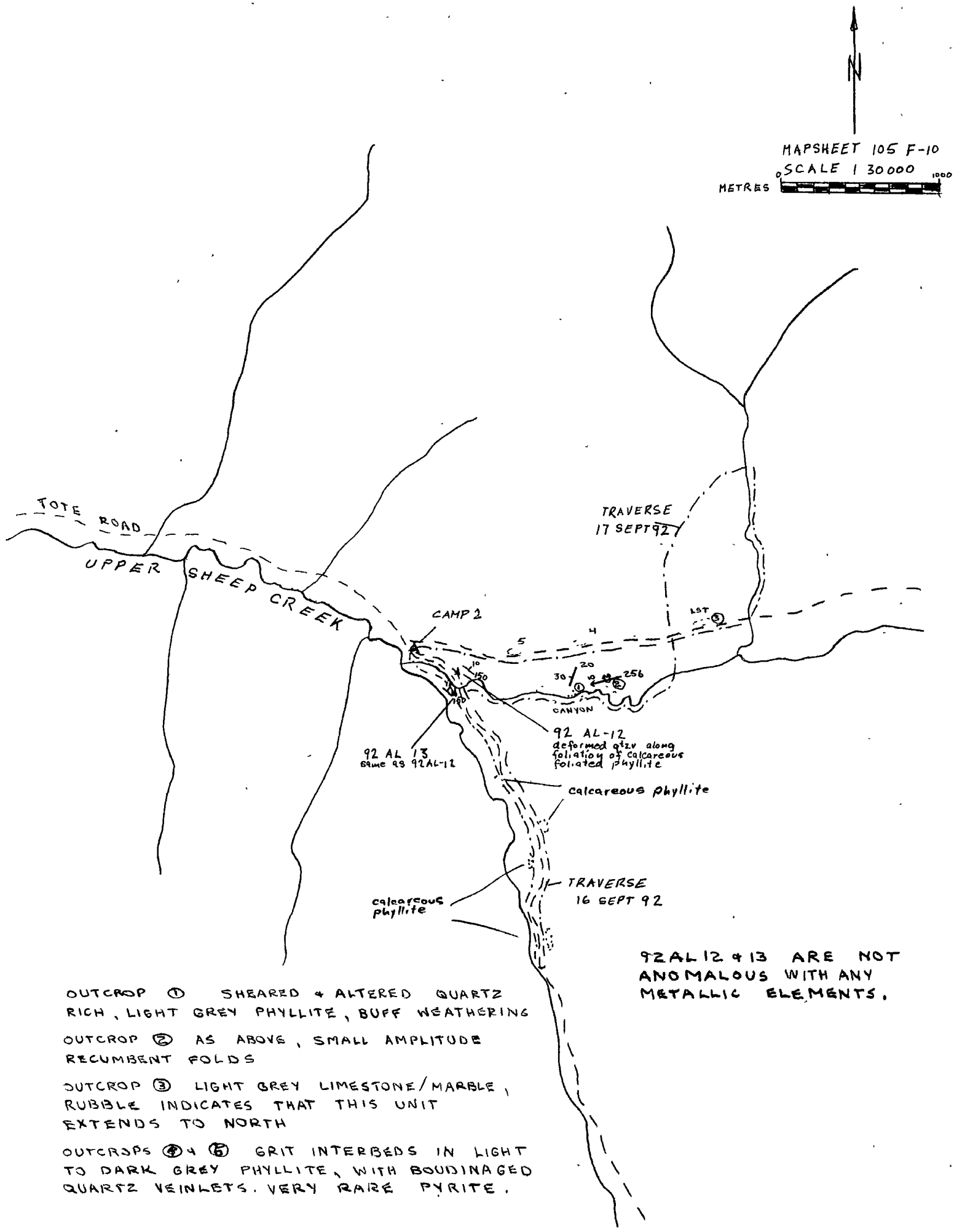


	Au	Ag	Cu	Pb	Zn	As
92 AL-03	196	1·2	71	<	36	<
04	79	0·3	31	7	45	7
05	34	0·3	92	31	83	7
06	58	1·0	14	634	2875	453
07	57	<	97	3	26	18
08	172	<	47	4	97	15
09	6733	1·0	384	16	45	108
10	29	<	25	2	17	<
11	38	1·0	550	7	31	7

ppb

14 JULY 27th → travel home

7,8 16, 17 SEPT '92



92AL 12 & 13 ARE NOT ANOMALOUS WITH ANY METALLIC ELEMENTS.

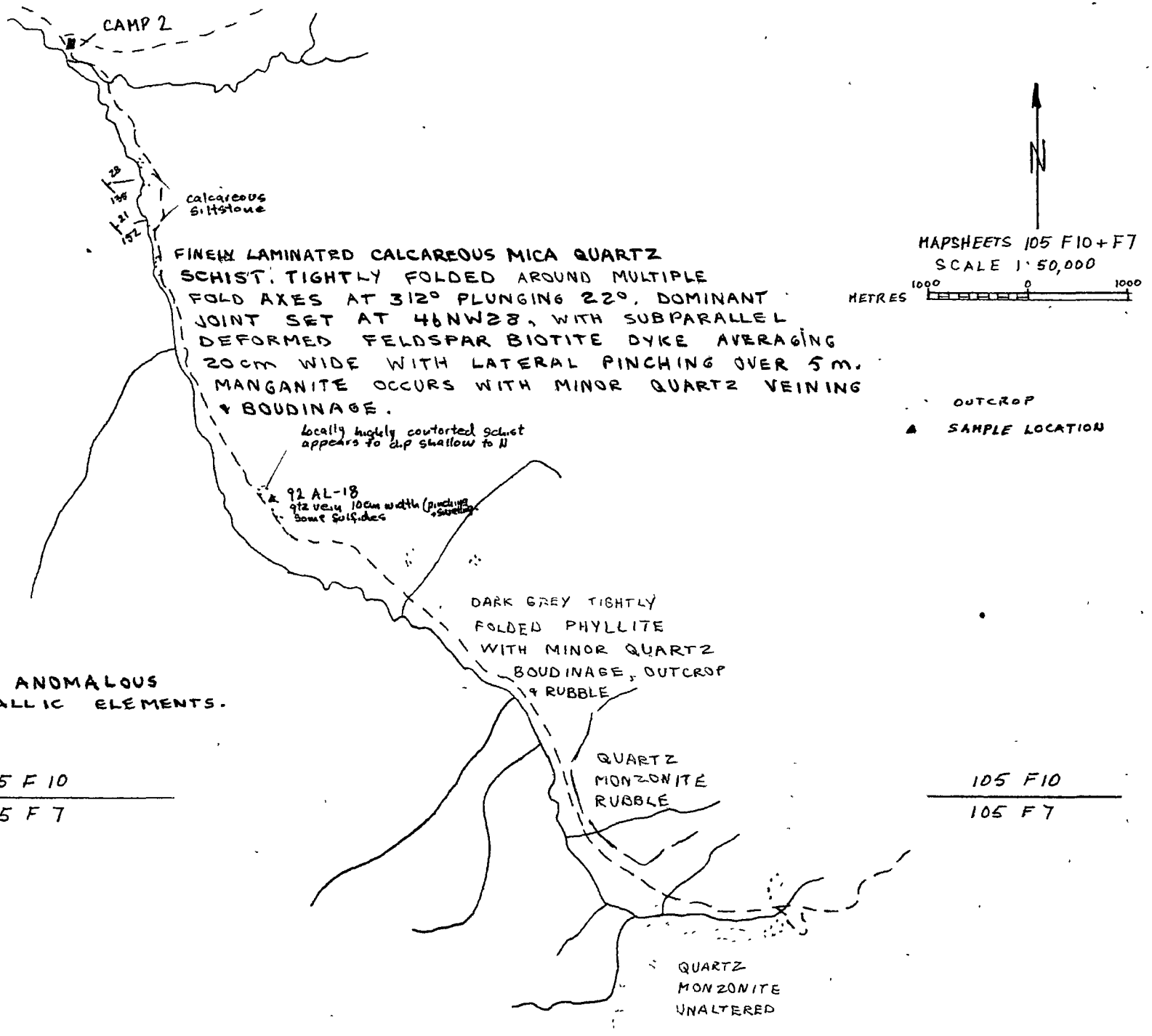
OUTCROP ① SHEARED & ALTERED QUARTZ RICH, LIGHT GREY PHYLLITE, BUFF WEATHERING

OUTCROP ② AS ABOVE, SMALL AMPLITUDE RECUMBENT FOLDS

OUTCROP ③ LIGHT GREY LIMESTONE/MARBLE, RUBBLE INDICATES THAT THIS UNIT EXTENDS TO NORTH

OUTCROPS ④ & ⑤ GRIT INTERBEDS IN LIGHT TO DARK GREY PHYLLITE, WITH BOUDINAGED QUARTZ VEINLETS. VERY RARE PYRITE.

9 18 SEPT '92



92AL18 IS NOT ANOMALOUS WITH ANY METALLIC ELEMENTS.

105 F 10
105 F 7

105 F10
105 F7

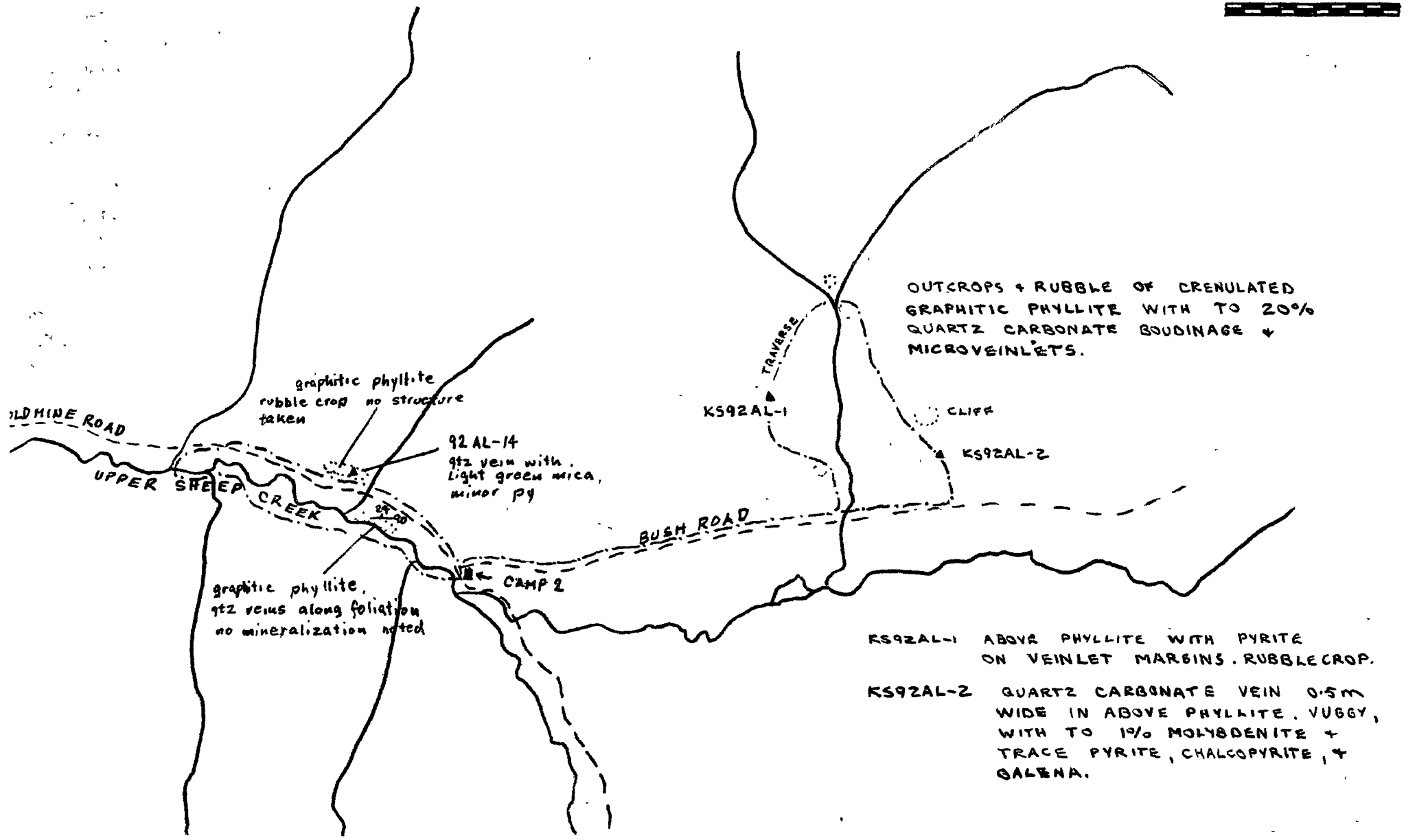
ID 19 SEPT. '92

A - SAMPLE LOCATION
—T— TRAVERSE

KS92AL-1 & 2, & 92AL 14 ARE NOT ANOMALOUS WITH ANY METALLIC ELEMENTS.

N

MAP 105 F-10
SCALE 1:30000

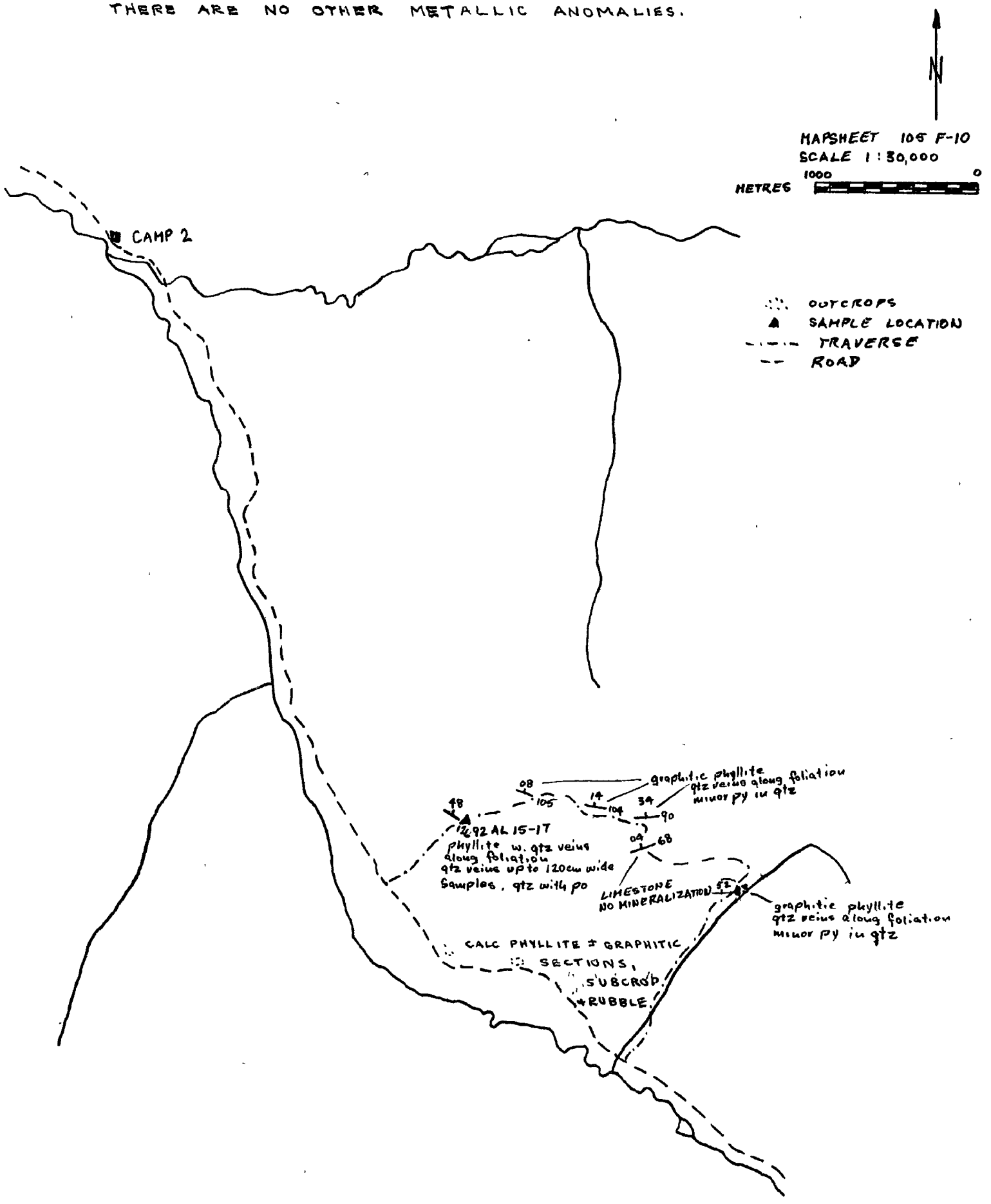


KS92AL-1 ABOVE PHYLLITE WITH PYRITE ON VEINLET MARGINS. RUBBLE CROP.

KS92AL-2 QUARTZ CARBONATE VEIN 0.5m WIDE IN ABOVE PHYLLITE. VUGGY, WITH TO 1% MOLYBDENITE & TRACE PYRITE, CHALCOPYRITE, & GALENA.

11 SEPT 20 '92

92AL17 IS WEAKLY ANOMALOUS WITH COPPER.
THERE ARE NO OTHER METALLIC ANOMALIES.



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18-Aug-92 date | Assay Certificate | page 1

Walter Egg | WO#13685

Sample #	Au ppb
92 AL-01	306
92 AL-02	566
92 AL-03	196
92 AL-04	79
92 AL-05	34
92 AL-06	58
92 AL-07	57
92 AL-08	172
92 AL-09	6733
92 AL-10	29
92 AL-11	38

Certified by Chyotki

105 Copper Road, Whitehorse, YT, Y1A 2Z7 Ph: (403) 668-4968 Fax: (403) 668-4890

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INTERNATIONAL PLASMA LABORATORY LTD

2036 Columbia Street
Vancouver, B.C.
Canada V5Y 3E1
Phone (604) 879-7878
Fax (604) 879-7898

iPL Report: 9200624 T Northern Analytical Laboratories In: Aug 12, 1992 Page 1 of 1 Section 1 of 1
Project: W/O 13685 Out: Aug 14, 1992 11 Pulp Certified BC Assayer David Chiu

Sample Name		Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
92-AL-01	P	<	5	2	7	38	6	<	4	<	<	<	5	12	15	<	120	4	370	8	94	1	1	<	0.40	1.96	1.21	0.19	0.07	0.02	0.25
92-AL-02	P	<	12	8	19	20	6	<	4	<	<	0.1	7	14	24	<	124	7	335	11	32	1	1	<	0.79	0.73	2.22	0.39	0.13	0.03	0.10
92-AL-03	P	1.2	71	<	36	<	<	<	5	<	<	<	20	44	100	<	60	47	31	22	216	3	<	0.12	5.86	4.47	4.29	0.26	0.12	0.29	0.31
92-AL-04	P	0.3	31	7	45	7	<	<	25	<	<	0.1	9	66	131	<	126	87	98	19	113	2	<	0.07	3.14	2.44	1.62	0.82	0.39	0.11	0.16
92-AL-05	P	0.3	92	31	83	7	<	<	13	<	<	0.8	11	78	76	<	122	147	242	7	82	1	1	0.04	1.50	6.02	2.10	0.20	0.10	0.08	0.05
92-AL-06	P	1.0	14	634	2875	453	<	<	4	<	<	30.5	3	4	31	<	57	2	1485	6	160	2	2	<	0.39	3.96	1.73	0.12	0.10	0.04	0.05
92-AL-07	P	<	97	3	26	18	5	<	4	<	<	<	54	320	<	<	149	23	98	11	177	3	1	0.14	1.90	1.72	4.34	0.55	0.03	0.05	0.14
92-AL-08	P	<	47	4	97	15	6	<	3	<	<	0.2	38	102	46	17	114	56	194	17	69	9	2	0.23	1.44	1.17	5.01	1.15	0.43	0.13	0.20
92-AL-09	P	1.0	384	16	45	108	<	<	13	<	3	<	33	40	62	0.12	69	23	544	22	372	2	4	0.06	7.07	4.11	9.81	0.99	0.41	0.38	0.03
92-AL-10	P	<	25	2	17	<	<	<	3	<	<	0.7	6	5	<	61	35	17	2576	<	119	<	1	0.03	2.69	10.77	1.94	0.32	0.05	0.19	<
92-AL-11	P	1.0	550	7	31	7	<	<	3	<	2	<	59	131	<	8	25	11	593	7	16	3	<	0.01	1.25	0.52	15.13	0.31	0.03	0.02	0.01
Min Limit		0.1	1	2	1	5	5	3	1	10	2	0.1	1	1	2	5	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Max Reported*		99.9	20000	20000	20000	9999	9999	9999	9999	999	999	99.9	999	999	9999	999	9999	999	9999	9999	9999	999	99	1.00	99.99	99.99	99.99	9.99	9.99	5.00	5.00
Method		ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

—=No Test ins=Insufficient Sample S=Soil R=Rock C=Core L=Silt P=Pulp U=Undefined e=Estimate/1000 %=Estimate % Max=No Estimate

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22-Oct-92 date | Assay Certificate | page 1

Kel Sax | WO#13820

Sample #	Au ppb
KS92AL-1	11
KS92AL-2	16
KS92AL-12	11
KS92AL-13	13
KS92AL-14	16
KS92AL-15	13
KS92AL-16	13
KS92AL-17	14
KS92AL-18	17

Certified by

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2036 Columbia Street
Vancouver, B C
Canada V5Y 3E1
Phone (604) 879-7878
Fax (604) 879-7898

iPL Report: 9200877 T Northern Analytical Laboratories In: Oct 13, 1992 Page 1 of 1 Section 1 of 1
Project: W/O 13820 Out: Oct 15, 1992 9 Pulp Certified BC Assayer David Chiu

Sample Name	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
KS92 AL- 1	0.2	11	2	33	6	<	<	3	<	*	<	13	21	10	*	39	11	816	5	127	5	3	<	1.78	6.67	3.15	5.98	0.08	0.02	0.05
KS92 AL- 2	<	7	29	7	*	<	<	3	<	*	<	3	13	11	*	69	<	676	3	407	1	2	<	0.14	13.78	0.74	0.27	0.02	0.01	0.02
KS92 AL-12	<	7	5	29	*	6	<	4	<	*	<	9	18	16	*	88	10	524	8	53	<	1	<	1.05	1.24	2.79	0.73	0.09	0.01	0.05
KS92 AL-13	<	5	6	17	*	5	<	3	<	*	<	5	8	5	*	85	9	683	6	194	<	1	<	0.89	4.05	2.23	0.54	0.05	0.01	0.10
KS92 AL-14	<	43	<	66	39	9	3	5	<	*	0.3	21	135	58	*	154	42	552	8	426	1	5	<	1.33	12.77	3.71	3.77	0.02	0.01	0.17
KS92 AL-15	<	67	48	18	*	<	<	4	<	*	0.1	12	57	130	*	66	12	329	2	265	<	3	0.01	1.07	14.73	2.04	0.44	0.10	0.02	0.01
KS92 AL-16	<	33	2	13	*	8	4	5	<	*	1.3	7	16	30	*	51	6	454	2	475	<	2	<	0.53	23.01	1.24	0.40	0.02	0.02	0.01
KS92 AL-17	<	110	7	39	*	<	<	7	<	*	<	21	56	99	*	85	66	68	7	213	1	2	0.02	3.82	3.51	2.60	0.54	0.15	0.13	0.14
KS92 AL-18	<	15	15	17	*	<	<	4	<	*	<	7	12	39	*	92	12	185	7	74	<	2	0.02	1.45	2.62	1.26	0.29	0.16	0.04	0.02
Min Limit	0.1	1	2	1	5	5	3	1	10	2	0.1	1	1	2	5	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Max Reported*	99.9	20000	20000	20000	9999	9999	9999	9999	999	999	99.9	999	999	9999	999	9999	999	9999	9999	9999	999	99	1.00	99.99	99.99	99.99	9.99	9.99	5.00	5.00
Method	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

—=No Test ins=Insufficient Sample S=Soil R=Rock C=Core L=Silt P=Pulp U=Undefined m=Estimate/1000 %=Estimate % Max=No Estimate