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YUKON ENERGY, MINES
& RESOURCES LIBRARY
P.O. Box 2703
Whitehorse, Yukon Y1A 2C8

LOCATION/ACCESS

A 100mt stream sediment sampling program was conducted on the Bolder claims, 1-16, grant numbers YC08187-203, claim sheet 115 F9, Whitehorse mining district, including Edith Creek and two pups, #1 and #2 that drain into Edith Creek on claims #2 and #4. The Bolder claims are located just below the headwaters for Edith Creek and across from the Narnia claims held by Archer Cathro. (map , page 2). The Bolder claims are located 300km from Whitehorse, in the St. Elias Mountains near the Denali fault zone, Wrengallia Terrain. (map #1, page 3).

Road access is via the Alaska Highway to mile 1147, 300 km from Whitehorse, then by helicopter or walk in 12km on game trails. An old cat road is shown on the claim sheet, but has grown in and is seldom visible now.

PROGRAM

The rationale for the project was to determine the extent of mineralization that was indicated in earlier (1994) random sampling (rock) of this area where high values of 6.67 grams per ton were assayed. Research of mining activity in this area also indicated that there may be platinum group potential to be explored as the properties are located over a fault trend between the Wellgreen and Canalask properties.

A 100mt grid sampling of stream sediments was assayed for 32 elements, through the Northern Analytical Labs in Whitehorse. Ten test pits were dug by hand in the area of a low magnetic anomaly where consistent AU, CU, AS results indicated more concentrated exploration is warranted. The low mag anomaly in proximity to highly magnetic rock indicates the possibility of a Rhyolite pluton and possible epithermal type deposit in this area. Further exploration will be required to determine this. (aeromagnetic survey map #2, page 3). An interesting Ni, Co, relationship as well as Cr, and Ag values indicate a possible relationship to platinum mineralization, and will require more detailed analysis to establish.

GEOLOGY

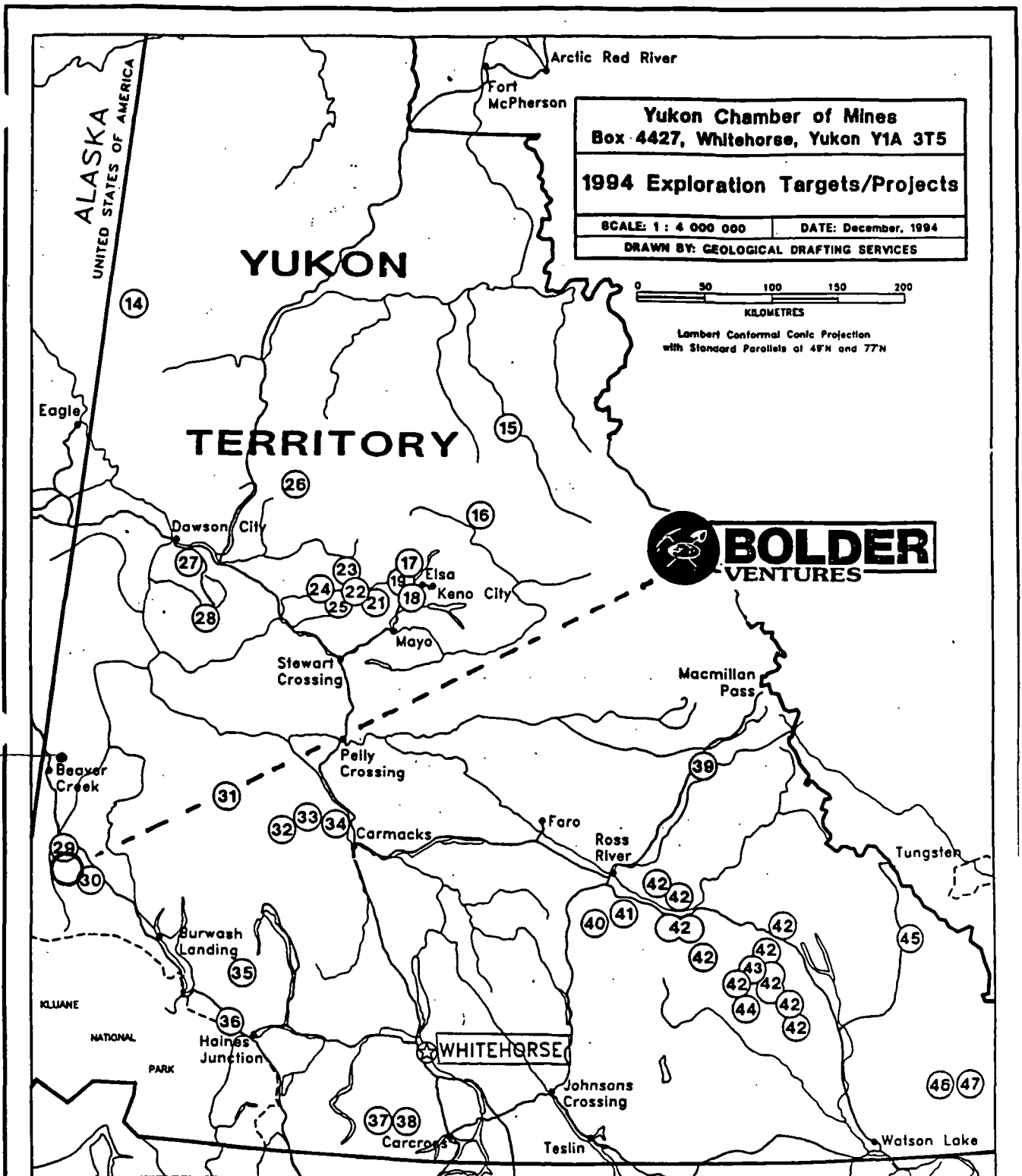
Property geology includes very weathered sedimentary host rock with vuggy, chalcedonic quartz, highly oxidized, dark green with dark red stain, and a dolomite in association with a gossan at the higher areas just above claim # 15 and 16, @ 6,000' elevation. Pups #1 and #2 begin just below this gossan which occurs in a 'saddle' between two high peaks above the properties, (see picture, page 4). A ridge above these claims has an exposed calcite 'cap' with a pale blue tinge. Recent volcanic activity in this area is indicated by extensive

basalts of mafic ultramafic origins, as well as a coarse volcanic ash present throughout the properties. A high incidence of calcopyrite and arsenopyrites is present in host rocks.

CONCLUSIONS/RECOMMENDATIONS

The work program completed this year indicates that further exploration of the two low mag areas on the Bolder claims is warranted to determine the possibility of an epithermal deposit in these locations. Target evaluation will include removal of the overburden to bedrock, with a drill program to yield core samples of this area. Further exploration of the gossan at the higher level, with trenching to prove up the existence of an area of enrichment. There appears to be a structure indicated with outcrop from 150mtr on the right of #1 pup to 700mtr, the same outcrop on the left side of #2 pup at the same distance on both pups. Au,Cu,As values increasing in the higher levels. Both pups originate from the 'saddle' like formation where the gossan is located.

Alvin Kew

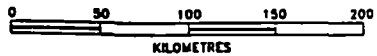


Yukon Chamber of Mines
 Box 4427, Whitehorse, Yukon Y1A 3T5

1994 Exploration Targets/Projects

SCALE: 1 : 4 000 000 DATE: December, 1994

DRAWN BY: GEOLOGICAL DRAFTING SERVICES

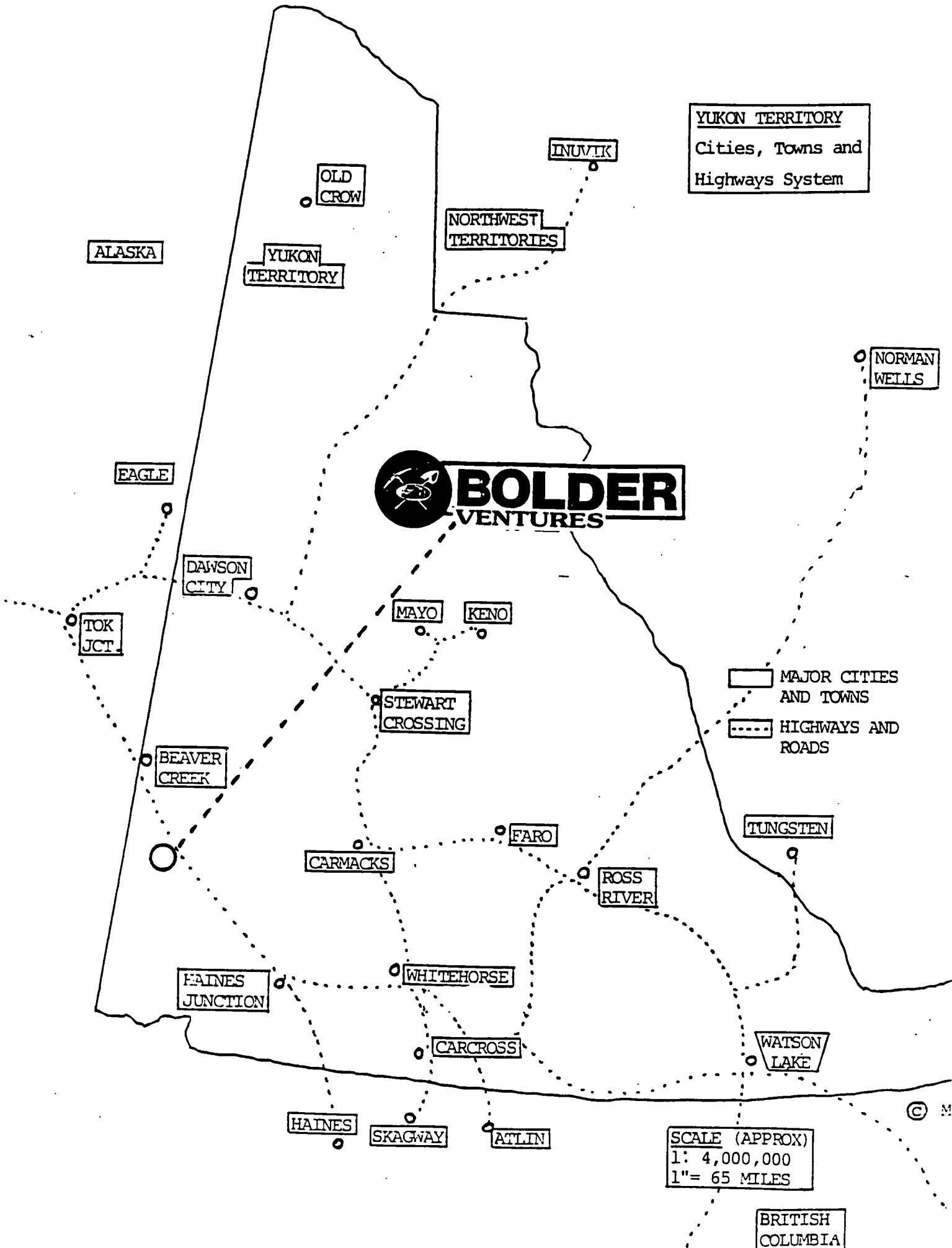


Lambert Conformal Conic Projection
 with Standard Parallels at 45°N and 77°N



Mosschorn

- | | | |
|-----------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|-------------------------------------------|
| 14. Eagle Plain Resources - Rusty Springs | 24. Ivanhoe Goldfields - Clear Creek | 36. Probe Resources Ltd. |
| 15. Westmin Resources/Newmont Mining Corp. - Slab/Olympic/Hoover Pamicon Developments/Equity Engineering - Fairchild/Wernecke Mountains | 25. Cash Resources - Quest | 37. Arkona |
| 16. NDU Resources - Blende | 26. Inco Exploration - Hart River | 38. Omni Resources - Goddel |
| 17. Ivanhoe Goldfields - Dublin Gulch | 27. Kennecott Canada Inc. - Klondike | 39. Consolidated Ramrod Gold - Sheldon |
| 18. Yukon Revenue Mines Ltd. - Aurex | 28. Wealth Resources - Eureka Creek | 40. Pacific Comox - Tay-LP |
| 19. B. Kraft - Wayne | 29. Expatriate Resources - Canadisk | 41. Hemlo Gold - Ketzka River |
| 21. Kennecott Canada Inc. - Scheelite Dome | 30. Inco Exploration Technical Services | 42. Cominco Ltd. - Property Work |
| 22. Consolidated Ramrod Gold - Red Mountain | 31. Eastfield Resources - Koffee | 43. Atna Resources - Pak-Toe |
| 23. Regent Ventures - Red Mountain | 32. Aurchem - Nansen | 44. YGC Resources Ltd. - Money |
| | 33. Richlode Investments Corp. | 45. Consolidated Ramrod Gold Corp. |
| | 34. Western Copper/Thermal Exploration | 46. Westmin Resources/Newmont Mining |
| | 35. Cash Resources - Killer Gold | 47. International Barytex Resources - Mel |



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DAWSON
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MAJOR CITIES
 AND TOWNS
 HIGHWAYS AND
 ROADS

TOK
 JCT.

MAYO

KENO

STEWART
 CROSSING

BEAVER
 CREEK

TUNGSTEN

CARMACKS

FARO

ROSS
 RIVER

HAINES
 JUNCTION

WHITEHORSE

CARCROSS

WATSON
 LAKE

HAINES

SKAGWAY

ATLIN

SCALE (APPROX)
 1: 4,000,000
 1"= 65 MILES

BRITISH
 COLUMBIA

© M





low ma
claim - 15

Gosson

#1 pup.

#2 pup

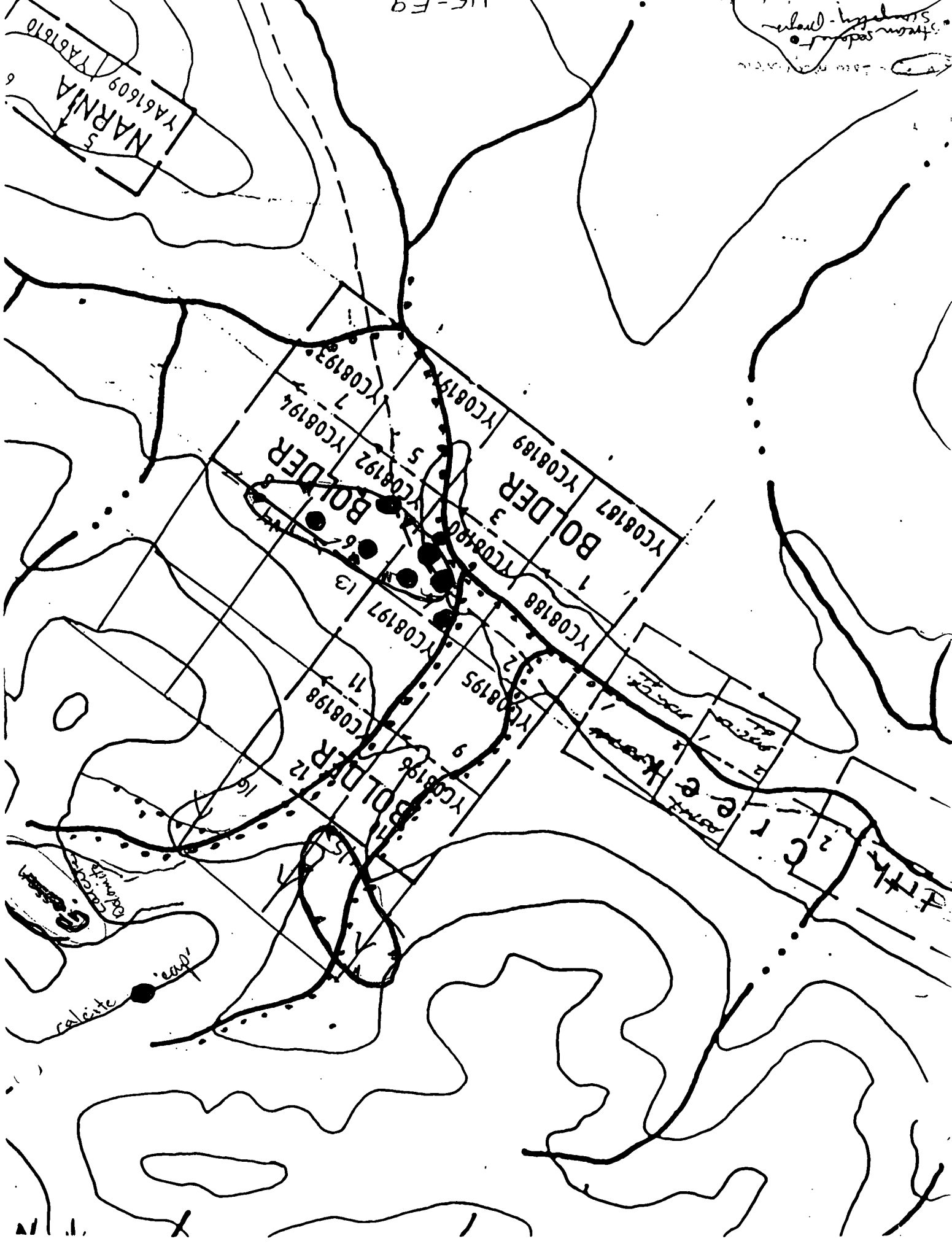
claim 6 - low

40' → Normin claim
Fork in Blith Co

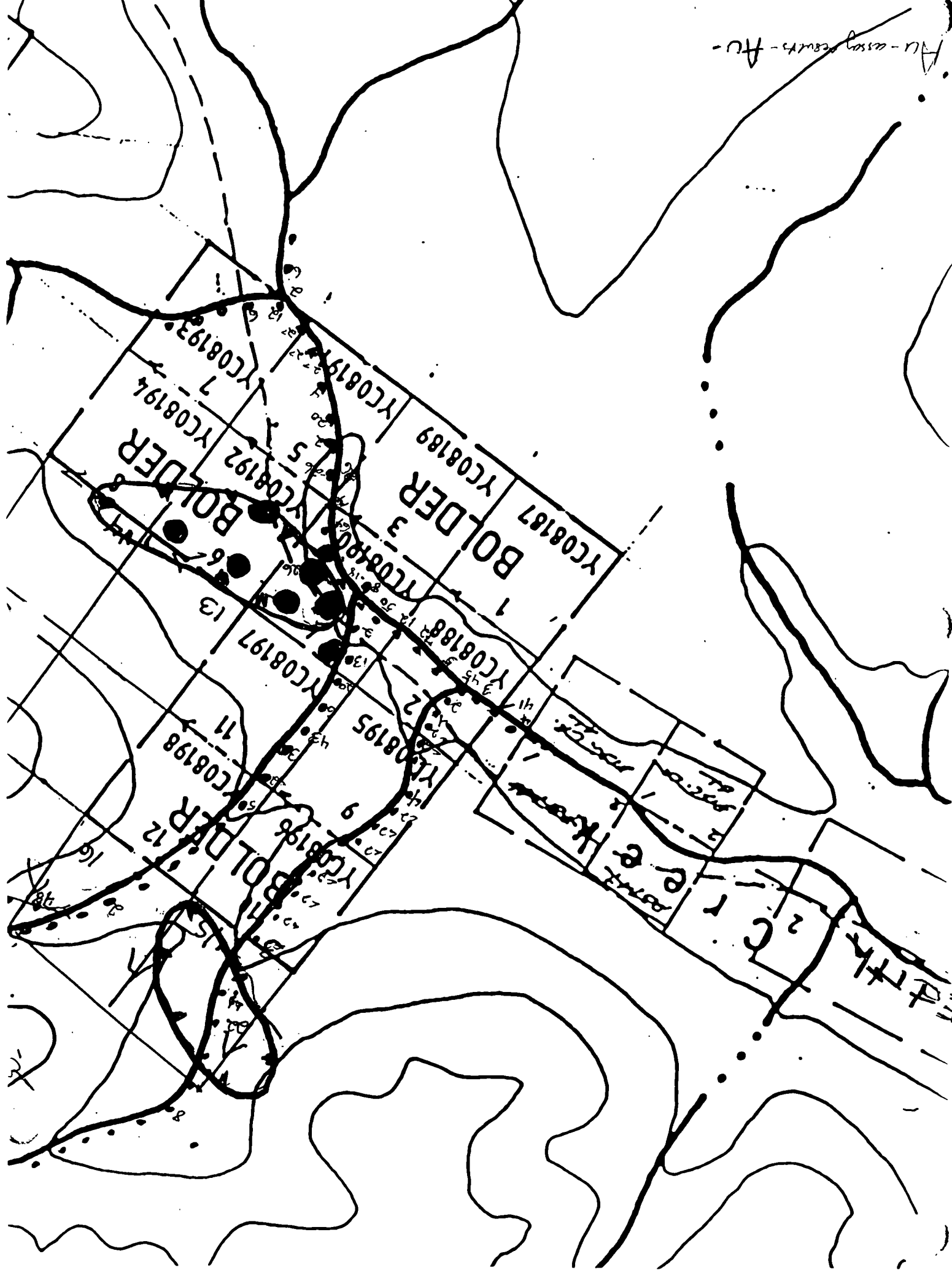
115-F9

10
Stream section
S. 100' x 100'
EX 3' x 6' deep

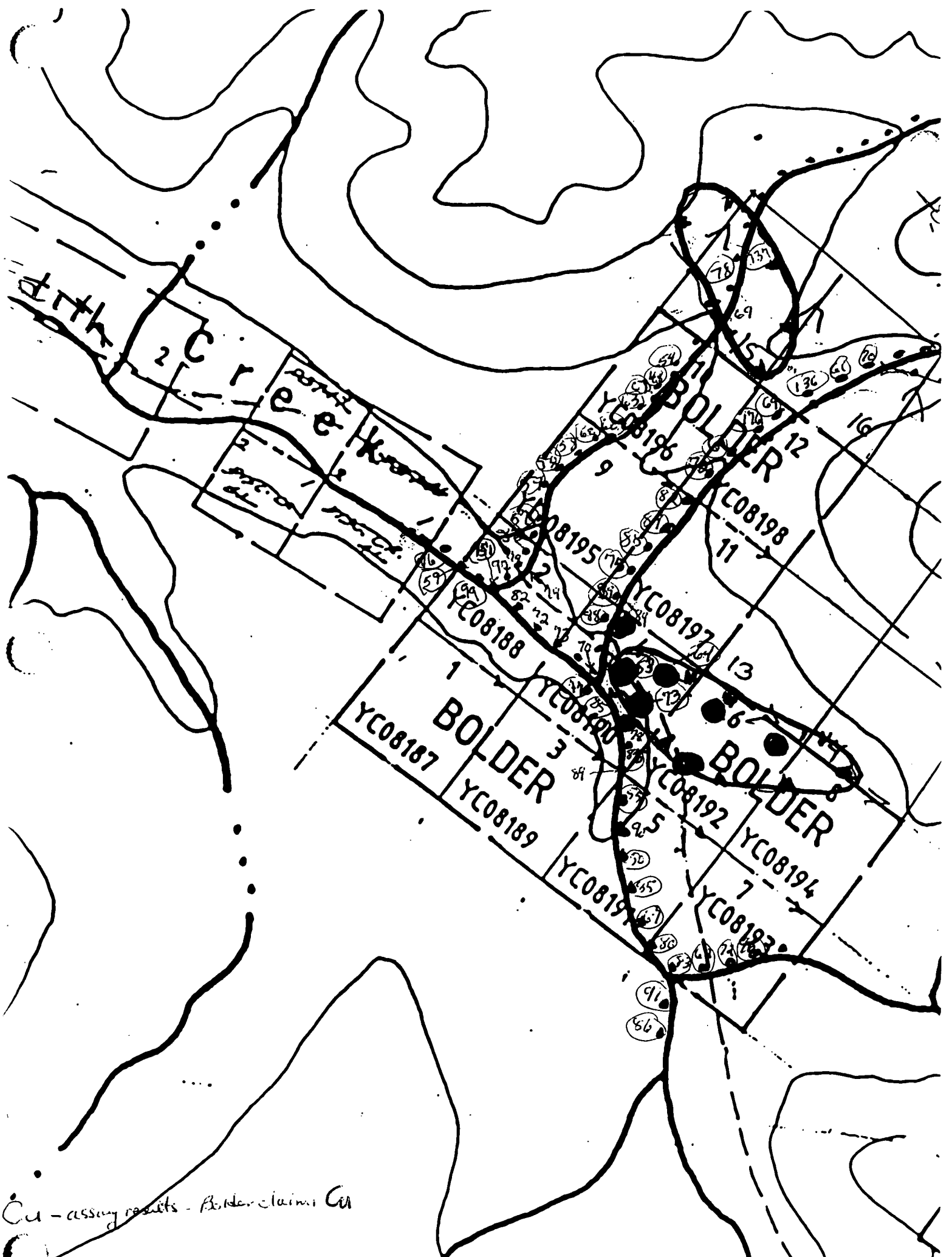
NARNIA
YA61609 YA61610
5
6



Handwritten text at the top right: "Au-assy counts - Au -"

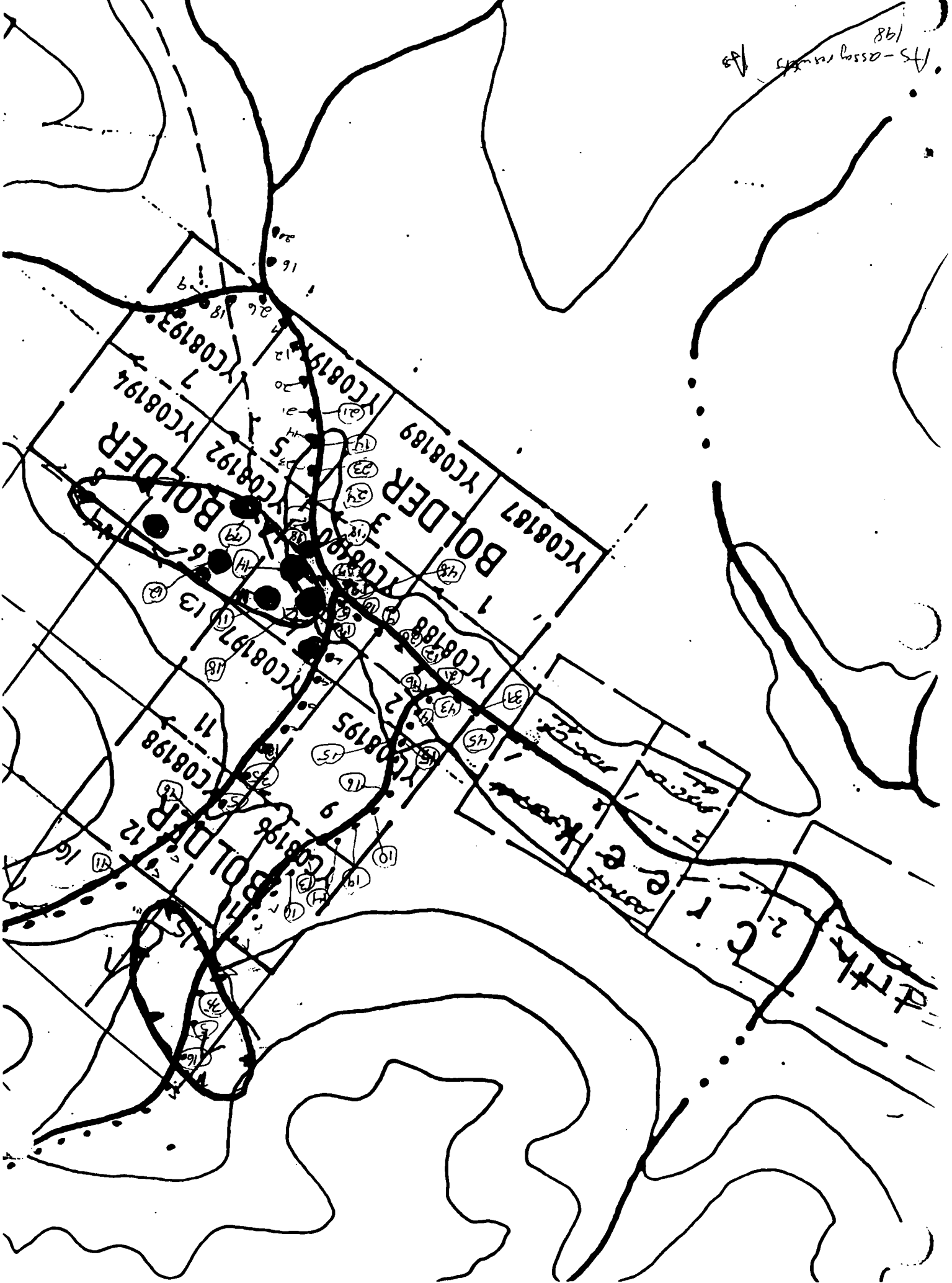


Map labels and codes including: BOLDER 1, BOLDER 2, BOLDER 3, BOLDER 4, BOLDER 5, BOLDER 6, BOLDER 7, BOLDER 8, BOLDER 9, BOLDER 10, BOLDER 11, BOLDER 12, BOLDER 13, YC08187, YC08188, YC08189, YC08190, YC08191, YC08192, YC08193, YC08194, YC08195, YC08196, YC08197, YC08198, YC08199, and other alphanumeric identifiers.

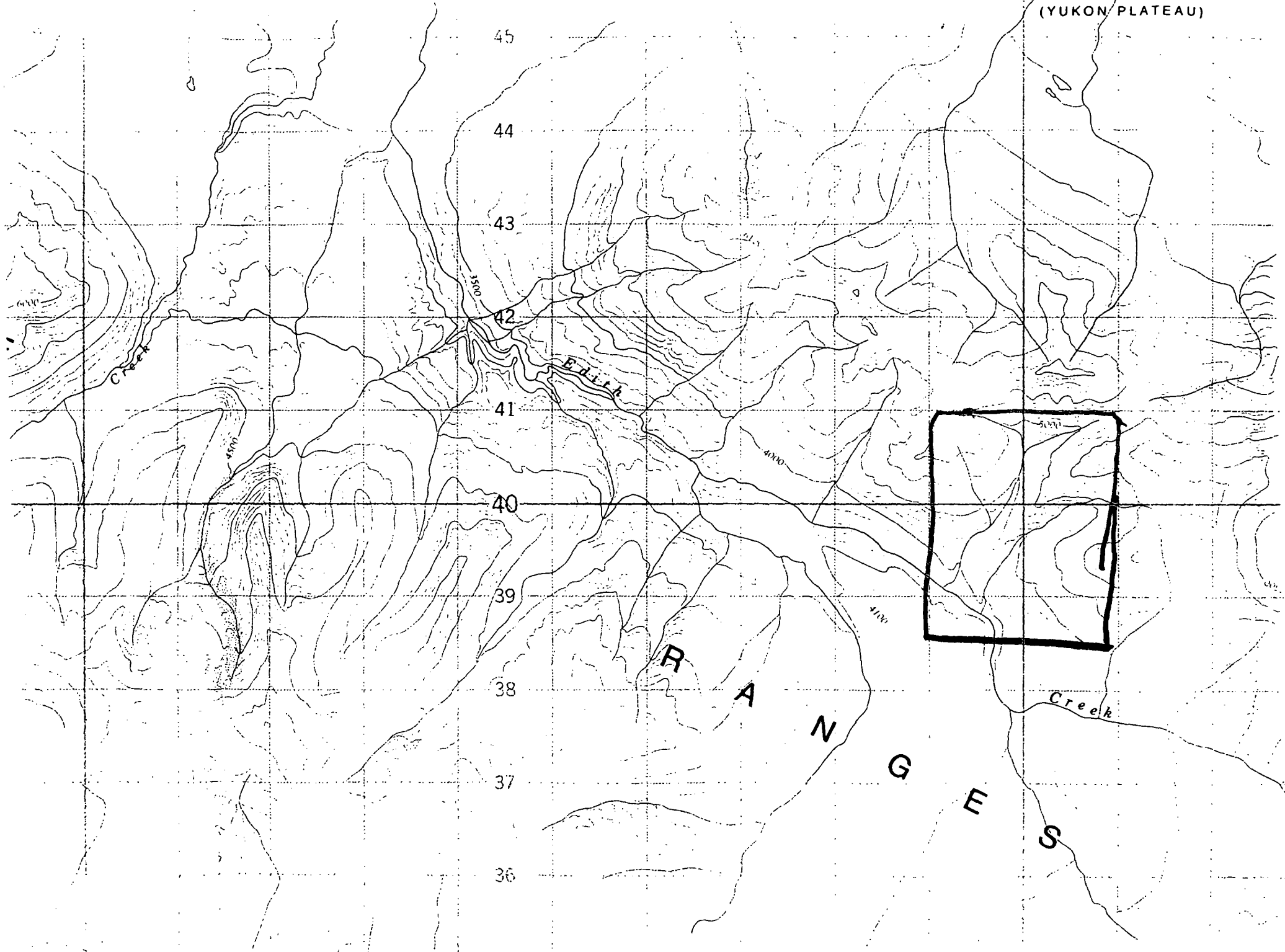


Cu - assay results - Bolder claims Cu

AS - assay results 8/198



SHAKWAK TRENCH
(YUKON PLATEAU)





INTERNATIONAL PLASMA LABORATORY LTD.

CERTIFICATE OF ANALYSIS

IPL 98H0785

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Client : Northern Analytical Laboratories
Project: W.O. 5556

60 Samples
49=CoarsePulp 11=Pulp

[078517:00:42:89081198]
Out: Aug 11, 1998
In : Aug 06, 1998

Page 1 of 2
Section 2 of 2

Sample Name	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
1 - 2 pupat E	52	155	559	5	73	2	7	0.08	1.35	1.61	4.81	1.31	0.08	<0.01	0.10
2	70	128	750	5	53	3	6	0.09	1.59	1.54	4.63	1.63	0.06	<0.01	0.09
3	81	135	775	7	37	3	6	0.10	1.73	1.01	5.07	1.68	0.05	<0.01	0.10
4	56	187	609	4	72	2	6	0.09	1.44	1.71	5.61	1.38	0.07	<0.01	0.10
6	52	170	655	5	86	1	7	0.09	1.51	1.96	5.30	1.47	0.10	<0.01	0.10
7	48	152	731	4	91	2	7	0.09	1.53	2.20	5.03	1.57	0.09	0.01	0.11
8	58	220	567	4	71	1	6	0.10	1.41	1.62	6.15	1.29	0.09	<0.01	0.10
10	97	157	575	6	43	2	6	0.10	1.74	0.88	5.12	1.65	0.06	<0.01	0.10
11	77	129	688	6	39	3	6	0.09	1.74	0.88	4.81	1.68	0.06	<0.01	0.10
12	84	160	673	7	41	2	6	0.10	1.61	1.01	5.29	1.60	0.05	<0.01	0.10
13	75	142	702	6	39	3	6	0.09	1.63	1.01	5.04	1.66	0.04	<0.01	0.10
14	74	121	736	6	34	3	6	0.08	1.68	0.90	4.79	1.69	0.05	<0.01	0.10
15	221	111	643	3	28	3	7	0.10	2.11	0.61	4.15	2.56	0.03	<0.01	0.06
16	85	129	790	6	35	3	6	0.09	1.72	1.07	4.87	1.78	0.04	<0.01	0.09
17	239	112	587	4	25	3	7	0.12	2.19	0.60	4.02	2.67	0.04	<0.01	0.06
18	91	131	719	6	39	3	6	0.10	1.80	0.84	4.91	1.76	0.05	<0.01	0.10
19	83	115	665	6	34	2	5	0.09	1.64	0.75	4.42	1.60	0.05	<0.01	0.09
20	71	128	659	7	34	3	6	0.09	1.54	0.88	4.41	1.53	0.05	<0.01	0.09
21	78	106	808	7	33	3	6	0.08	1.69	0.83	4.34	1.69	0.05	<0.01	0.09
22	79	110	577	6	30	3	5	0.08	1.51	0.67	4.19	1.47	0.05	<0.01	0.09
23	73	114	549	5	26	2	5	0.08	1.31	0.59	4.25	1.25	0.05	<0.01	0.09
24	57	212	581	6	28	2	3	0.19	1.06	0.61	6.40	0.90	0.03	<0.01	0.13
25	86	123	830	7	36	4	7	0.09	1.76	0.95	4.94	1.84	0.05	<0.01	0.10
27	76	137	825	6	43	3	6	0.11	1.62	1.55	4.99	1.71	0.05	<0.01	0.10
27A	76	166	717	5	39	3	5	0.13	1.57	1.14	5.44	1.56	0.04	<0.01	0.10
28	87	140	846	6	35	3	7	0.10	1.70	1.01	5.22	1.81	0.04	<0.01	0.10
34	78	116	785	6	37	3	6	0.08	1.66	1.30	4.52	1.75	0.05	<0.01	0.10
35	78	137	762	5	41	3	6	0.10	1.66	1.02	4.89	1.70	0.05	<0.01	0.09
36	64	103	562	3	51	1	5	0.09	1.57	0.78	3.86	1.45	0.13	0.01	0.07
37	66	102	509	3	47	2	4	0.10	1.49	0.71	3.74	1.37	0.13	<0.01	0.07
38	66	102	504	3	51	2	4	0.10	1.52	0.74	3.77	1.38	0.13	0.01	0.07
39	66	103	511	5	46	2	5	0.09	1.44	0.68	3.56	1.28	0.12	0.01	0.07
40	66	111	536	4	53	2	5	0.10	1.58	0.78	3.94	1.40	0.14	0.01	0.07
41	68	120	539	3	55	2	5	0.11	1.68	0.87	4.26	1.54	0.18	<0.01	0.08
42	64	122	559	3	65	2	5	0.12	1.82	1.09	4.36	1.60	0.18	<0.01	0.08
46	47	168	601	4	75	1	7	0.08	1.32	1.78	5.10	1.36	0.08	<0.01	0.10
47	52	119	596	5	50	2	6	0.07	1.47	0.92	4.44	1.55	0.12	<0.01	0.09
48	42	133	651	4	53	1	6	0.07	1.36	1.19	4.84	1.64	0.11	<0.01	0.09
50	36	82	917	6	39	2	5	0.04	1.31	0.63	4.06	1.30	0.15	<0.01	0.09

Minimum Detection 1 2 1 2 1 1 1 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01
Maximum Detection 10000 10000 10000 10000 10000 10000 10000 1.00 10.00 10.00 10.00 10.00 10.00 5.00 5.00
Method ICP ICP ICP ICP ICP ICP ICP ICP ICP ICP ICP ICP ICP ICP ICP ICP

—No T = Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck: m=x1000 % = rate % NS=No Sample



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Canada V5Y 3E1
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Client : Northern Analytical Laboratories
Project: W.P. 5604

1 Samples
1=PuTp

[101412:08:51:89092898]

Out: Sep 28, 1998
In : Sep 22, 1998

Page 1 of 1
Section 2 of 2

Sample Name	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
205	55	106	1049	<2	36	4	5	0.15	2.08	1.41	6.65	0.96	0.22	0.05	0.09

Minimum Detection	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Maximum Detection	10000	10000	10000	10000	10000	10000	10000	1.00	10.00	10.00	10.00	10.00	10.00	5.00	5.00
Method	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

---=No T =Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 % ate % NS=No Sample



INTERNATIONAL PLASMA LABORATORY LTD.

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iPL 98J1114

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Vancouver, B.C.
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Phone (604) 879-7878
Fax (604) 879-7898

Client : Northern Analytical Laboratories
Project: W0# 5622

22 Samples
22=Pulp

[111416:19:46:89102398]

Out: Oct 23, 1998
In : Oct 19, 1998

Page 1 of 1
Section 1 of 2

Sample Name	Type	Au ppb	Pt ppb	Pd ppb	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
45	Pulp	2	<15	<5	0.2	39	7	45	29	<5	<3	4	<10	<2	5.7	15	29	70	<5
66	Pulp	<2	<15	<5	0.1	96	7	62	53	<5	<3	<1	<10	<2	7.6	24	8	80	<5
67	Pulp	<2	<15	<5	<0.1	34	<2	3	<5	<5	<3	<1	<10	<2	1.4	2	4	4	<5
68	Pulp	8	<15	<5	0.2	137	<2	5	<5	<5	<3	1	<10	<2	1.2	2	4	2	<5
71	Pulp	2	<15	<5	<0.1	77	5	55	79	<5	<3	2	<10	<2	10.4	23	21	104	<5
73	Pulp	<2	<15	<5	<0.1	10	<2	3	11	<5	<3	3	<10	<2	0.4	1	<1	32	<5
74	Pulp	4	<15	32	0.4	205	5	30	28	<5	<3	<1	<10	<2	4.9	11	11	19	<5
75	Pulp	26	<15	11	0.2	89	4	20	14	<5	<3	<1	<10	<2	3.6	24	70	17	<5
76	Pulp	<2	<15	<5	<0.1	4	<2	2	<5	<5	<3	2	<10	<2	0.4	<1	3	3	<5
77	Pulp	<2	<15	<5	0.3	114	5	24	19	<5	<3	1	<10	<2	4.4	29	77	10	<5
78	Pulp	<2	<15	<5	<0.1	139	11	74	79	<5	<3	<1	<10	<2	12.7	30	24	<2	<5
81	Pulp	3	<15	<5	0.4	61	3	73	43	<5	<3	2	<10	<2	7.8	18	46	183	<5
82	Pulp	41	<15	<5	0.2	99	9	100	39	<5	<3	3	<10	<2	11.8	25	58	79	<5
83	Pulp	4	<15	<5	0.4	59	11	74	45	<5	<3	3	<10	<2	7.3	18	43	158	<5
84	Pulp	<2	<15	<5	0.3	76	9	59	48	<5	<3	4	<10	<2	9.3	24	46	81	11
85	Pulp	5	<15	<5	<0.1	151	10	53	37	<5	<3	8	<10	<2	18.5	60	34	36	<5
85-2	Pulp	3	<15	<5	0.2	144	7	55	30	<5	<3	12	<10	<2	15.1	47	36	26	<5
104-3	Pulp	4	<15	<5	<0.1	84	8	66	87	<5	<3	1	<10	<2	9.7	33	142	45	15
118-4 -80 mesh	Pulp	<2	<15	<5	<0.1	92	6	66	80	<5	<3	1	<10	<2	9.9	32	163	39	<5
118-11	Pulp	<2	<15	<5	0.1	80	4	60	62	<5	<3	<1	<10	<2	9.0	29	119	39	<5
118-HR	Pulp	<2	<15	<5	<0.1	22	2	25	<5	<5	<3	2	<10	<2	7.4	8	10	1356	<5
122-NF	Pulp	<2	<15	<5	0.3	40	6	41	21	<5	<3	2	<10	<2	5.2	12	10	82	<5

Minimum Detection
Maximum Detection
Method

	2	15	5	0.1	1	2	1	5	5	3	1	10	2	0.1	1	1	2	5
	10000	10000	10000	100.0	20000	20000	20000	10000	1000	10000	1000	10000	1000	100.0	10000	10000	10000	1000
	FA/AAS	FA/AAS	FA/AAS	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

—=No Sample Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 % Estimate % NS=No Sample



INTERNATIONAL PLASMA LABORATORY LTD.

CERTIFICATE OF ANALYSIS

iPL 98J1114

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Vancouver, B.C.
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Fax (604) 879-7898

Client : Northern Analytical Laboratories
Project: WO# 5622

22 Samples
22=Pulp

[111416:19:46:89102398]
Out: Oct 23, 1998
In : Oct 19, 1998

Page 1 of 1
Section 2 of 2

Sample Name	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
45	65	73	326	4	46	2	3	0.07	1.04	0.55	2.67	0.88	0.09	0.05	0.05
66	32	82	429	3	48	2	2	0.13	1.97	0.98	3.55	1.85	0.19	0.02	0.18
67	178	5	31	<2	3	<1	<1	<0.01	0.11	0.15	0.67	0.03	0.01	0.02	<0.01
68	162	2	24	<2	2	<1	<1	<0.01	0.05	0.05	0.55	0.02	0.01	0.02	<0.01
71	25	157	506	<2	44	1	8	0.16	2.94	1.23	4.26	2.65	0.40	0.06	0.11
73	15	2	122	5	1013	<1	<1	<0.01	0.06	26*	0.08	0.12	0.01	0.02	0.02
74	79	58	430	3	38	2	3	0.07	0.93	1.03	2.37	0.67	0.07	0.02	0.07
75	189	21	178	<2	35	1	1	0.07	0.59	0.58	1.62	0.60	0.01	0.01	0.05
76	19	<2	1239	2	668	<1	3	<0.01	0.05	40*	0.13	0.12	<0.01	0.02	<0.01
77	240	38	224	<2	35	2	1	0.11	0.85	0.86	2.02	0.89	0.02	0.01	0.07
78	44	190	902	<2	11	3	5	0.17	2.97	0.50	5.55	2.83	0.02	<0.01	0.06
81	70	93	573	5	34	3	5	0.08	1.43	0.78	3.63	1.30	0.06	0.02	0.08
82	78	158	776	7	35	4	6	0.09	1.55	0.94	5.42	1.47	0.04	<0.01	0.10
83	70	92	574	5	34	3	5	0.08	1.41	0.91	3.63	1.26	0.06	0.02	0.08
84	81	101	634	4	51	2	6	0.08	1.69	0.67	4.31	1.52	0.12	<0.01	0.07
85	33	124	820	<2	24	5	4	0.12	1.96	1.21	7.91	0.93	0.27	0.06	0.07
85-2	47	102	772	<2	28	3	4	0.13	1.83	1.09	6.71	0.97	0.11	0.03	0.08
104-3	360	114	625	3	25	2	7	0.10	2.65	0.52	4.41	3.12	0.04	<0.01	0.06
118-4 -80 mesh	417	120	711	2	20	2	8	0.08	2.73	0.41	4.43	3.41	0.03	<0.01	0.05
118-11	296	101	636	2	20	2	6	0.08	2.27	0.43	4.00	2.68	0.04	<0.01	0.06
118-HR	26	47	1801	<2	392	1	3	<0.01	0.27	9.91	3.31	3.68	0.03	<0.01	0.02
122-NF	28	85	324	2	72	1	2	0.09	0.92	0.44	2.64	0.57	0.08	0.05	0.04

Minimum Detection 1 2 1 2 1 1 1 1 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01
Maximum Detection 10000 10000 10000 10000 10000 10000 10000 10000 1.00 10.00 10.00 10.00 10.00 10.00 5.00 5.00
Method ICP ICP ICP ICP ICP ICP ICP ICP ICP ICP ICP ICP ICP ICP ICP ICP
---No Test ---Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 % ---date % NS=No Sample



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CERTIFICATE OF ANALYSIS

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Client : Northern Analytical Laboratories
Project: WO#5503

14 Samples
14=Pulp

[058418:00:02:89062698]

Out: Jun 26, 1998
In : Jun 22, 1998

Page 1 of 1
Section 1 of 2

Sample Name	Type	Au ppb	Pt ppb	Pd ppb	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
5	Pulp	3	<15	<5	2.0	75	<2	142	<5	<5	<3	3	<10	<2	2.7	19	24	73	<5
9	Pulp	45	<15	<5	1.4	82	5	97	21	<5	<3	3	<10	<2	2.8	24	55	96	<5
32 - Rock	Pulp	4	<15	<5	0.2	102	17	84	35	<5	<3	2	<10	<2	2.7	23	17	164	<5
33 - Rock	Pulp	<2	<15	<5	0.2	32	7	56	28	<5	<3	2	<10	<2	2.0	19	8	81	<5
43	Pulp	2	<15	<5	1.3	59	3	62	15	<5	<3	4	<10	<2	2.2	23	36	66	<5
44	Pulp	3	<15	<5	0.2	136	6	39	35	<5	<3	2	<10	<2	1.7	6	4	44	<5
49	Pulp	4	<15	<5	1.1	69	<2	112	5	<5	<3	5	<10	<2	2.4	21	31	62	<5
52 - RR	Pulp	2	17	14	0.1	176	5	58	16	<5	<3	9	<10	<2	1.7	31	87	108	<5
61 - SS	Pulp	22	<15	<5	1.6	61	<2	53	<5	<5	<3	2	<10	<2	2.3	18	37	63	<5
63	Pulp	<2	<15	<5	1.9	70	3	54	<5	<5	<3	2	<10	<2	2.3	19	34	71	<5
64	Pulp	<2	<15	<5	0.2	33	9	78	11	<5	<3	2	<10	<2	2.4	20	9	55	<5
101	Pulp	2	<15	<5	1.4	53	5	88	18	<5	<3	3	<10	<2	2.1	25	88	57	<5
104 - Ten Mile Bullets Dr	Pulp	6	<15	7	0.8	64	3	209	14	<5	<3	3	<10	<2	3.5	31	118	54	<5
108	Pulp	25	<15	<5	1.1	73	5	87	12	<5	<3	3	<10	<2	3.3	26	68	107	<5

↓
Pulse of 104
below detection limit

Minimum Detection
Maximum Detection
Method

2	15	5	0.1	1	2	1	5	5	3	1	10	2	0.1	1	1	2	5
10000	10000	10000	100.0	20000	20000	20000	10000	1000	10000	1000	10000	1000	10000	10000	10000	10000	1000
FA/AAS	FA/AAS	FA/AAS	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

—=No
=Insufficient Sample
Del=Delay
Max=No Estimate
Rec=ReCheck
m=x1000
%
NS=No Sample



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 Project: WO#5503

14 Samples
 14=Pulp

[058418:00:02:89062698]

Out: Jun 26, 1998
 In : Jun 22, 1998

Page 1 of 1
 Section 2 of 2

Sample Name	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
5	43	153	523	4	69	1	6	0.07	1.30	1.62	4.90	1.24	0.08	<0.01	0.09
9	78	140	717	6	38	3	6	0.10	1.64	0.91	5.08	1.64	0.07	<0.01	0.09
32 NR	37	128	352	<2	24	2	3	0.23	1.74	0.68	4.31	1.51	0.78	0.05	0.08
33 Kawajima	44	102	458	2	90	2	5	0.21	1.58	1.11	3.52	1.14	0.14	0.05	0.08
43	63	96	492	4	45	2	4	0.10	1.55	0.84	3.85	1.44	0.21	<0.01	0.07
44 - NR #1-	46	51	436	5	20	2	2	0.04	1.69	1.85	2.66	0.52	0.09	0.04	0.09
49	57	107	528	4	40	1	4	0.08	1.48	0.71	4.36	1.50	0.15	<0.01	0.08
52 NR	111	89	328	<2	15	2	5	0.15	1.76	1.09	3.20	1.81	0.54	0.09	0.05
61 -SS	53	122	517	4	69	1	5	0.07	1.22	1.32	4.02	1.19	0.10	<0.01	0.08
63 SS 4-	48	123	555	5	74	1	5	0.07	1.28	1.60	4.25	1.30	0.10	<0.01	0.08
64	34	118	593	<2	51	2	6	0.22	1.90	0.85	4.12	1.64	0.14	0.03	0.08
101	219	104	637	4	23	2	7	0.10	2.19	0.56	4.04	2.58	0.05	<0.01	0.06
104 - at 3' depth	331	165	879	4	27	3	9	0.16	2.72	0.51	5.45	3.33	0.04	<0.01	0.06
108	112	159	700	6	36	2	5	0.16	1.69	0.74	5.46	1.64	0.12	<0.01	0.11

Minimum Detection 1 2 1 2 1 1 1 1 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01
 Maximum Detection 10000 10000 10000 10000 10000 10000 10000 10000 1.00 10.00 10.00 10.00 10.00 10.00 5.00 5.00
 Method ICP ICP ICP ICP ICP ICP ICP ICP ICP ICP ICP ICP ICP ICP ICP ICP
 ---=No Trace ---=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 % =state % NS=No Sample



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Client : Northern Analytical Laboratories
 Project: W0#5541

2 Samples
 2=Pulp

[073316:09:08:89072898] Out: Jul 28, 1998 Page 1 of 1
 In : Jul 22, 1998 Section 1 of 2

Sample Name	Type	Au ppb	Pt ppb	Pd ppb	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
301	Pulp	45	<15	<5	0.3	56	25	88	11	<5	<3	1	<10	<2	1.0	9	14	82	<5
302	Pulp	33	<15	<5	0.4	45	30	126	23	<5	<3	2	<10	<2	0.9	14	22	80	<5

Minimum Detection 2 15 5 0.1 1 2 1 5 5 3 1 10 2 0.1 1 1 2 5
 Maximum Detection 10000 10000 10000 100.0 20000 20000 20000 10000 1000 10000 1000 10000 10000 100.0 10000 10000 10000 10000 1000
 Method FA/AAS FA/AAS FA/AAS ICP ICP ICP ICP ICP ICP ICP ICP ICP ICP ICP ICP ICP ICP ICP ICP

—=No =Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 % NS=No Sample



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2 Samples
2=Pulp

[073316:09:08:89072898]

Out: Jul 28, 1998
In : Jul 22, 1998

Page 1 of 1
Section 2 of 2

Sample Name	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
301	78	42	851	11	117	9	6	0.14	1.45	3.26	2.93	0.90	0.06	0.01	0.06
302	50	42	758	3	31	4	3	0.24	1.59	1.49	3.06	1.22	0.13	0.01	0.09

Minimum Detection	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Maximum Detection	10000	10000	10000	10000	10000	10000	10000	1.00	10.00	10.00	10.00	10.00	10.00	5.00	5.00
Method	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 Estimate % NS=No Sample



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2 Samples
2=PuTp

[073316:09:08:89072898]

Out: Jul 28, 1998
In : Jul 22, 1998

Page 1 of 1
Section 2 of 2

Sample Name	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
301	78	42	851	11	117	9	6	0.14	1.45	3.26	2.93	0.90	0.06	0.01	0.06
302	50	42	758	3	31	4	3	0.24	1.59	1.49	3.06	1.22	0.13	0.01	0.09

Minimum Detection

1 2 1 2 1 1 1 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01



SUMMARY OF EXPENSES AND RECEIPTS

<u>Analysis/assays</u>	3217.44
<u>Travel, helicopter, 4 trips</u>	2490.
Truck, 732.8 km @ .42km X 4 trips	1228.
<u>Living Expenses \$35. Per day X 30 days + 20 days for helper</u>	1750.
<u>Wages for helper @ \$75. X 20 days</u>	1500.
<u>Registration of work with Mining Recorder</u>	400.
<u>Radio licence</u>	50.
<u>Total expenses</u>	<u>\$10,635.44</u>

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