

**YUKON MINING INCENTIVES PROGRAM**

**YMIP # 01-029**

**DAWSON MINING DISTRICT**

YUKON ENERGY MINES  
& RESEARCH SERVICES LIBRARY  
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**NTS # 115 0 / 14 PRINCE CLAIM AREA**

**NTS # 115 0 / 11 LUCKY JOE AREA**

**NTS # 116 C / 9 SHELL CREEK AREA**

**NTS # 116 C / 1 HEM AREA**

**WORK PERFORMED BY SHAWN RYAN**

## PROSPECTING 2001 DIARY

BY  
SHAWN RYAN

### SUMMARY

I started my 2001 field season in late May. The summer season was slow to come to the Dawson area with snow still on the north side at 3500 ft. I and Scott Fleming started the season by staking the Prince 1-46 claims located on the west side of Gold Bottom Creek. I staked the claim in anticipation of the Government new release of the Airborne Geophysical Data of the Dawson area. The Airborne was released in early June with no activity seen in the area. I proceeded to stake the Blue Pearls 1-8 claims located at the head waters of New Zealand Creek. The Blue Pearls cover a unusual magnetic low trend flank by magnetic highs.

I proceeded to evaluate all the geophysical data during the first two weeks of June. I found a new potential target in the Lucky Joe Creek area and proceeded to fly in to the area with Scott Fleming. We staked the Lucky Joe 1-48 claims and took soil and silt from various geophysical anomalous areas. We ended up having to get pulled out of the area early with a large forest fire cresting the hill in front of us.

The next area I went in to was the Shell Creek area. I flew in there with my dog Suzy. It was a nice peaceful high location and I could see the Lucky Joe fire burning 40 miles away. Well, it wasn't four hours until the peace was broken with a large lightning storm hitting the large iron formation that I was sitting on. The storm settled down but not until it started another forest fire. That's two fires around me in less than a week. I called the fire in and continued to prospect the area for another two days and then got pulled out. Forestry fought the fire so pick up was inexpensive.

My next round of prospecting came in mid August with prospecting and staking the Hem 1-78 claims. I worked with Scott Fleming and Marcus Leschied. I found a few more good clues to the potential of the area with three new copper showings in outcrop.

In early September I proceeded to head back into the Lucky Joe area to follow up some key anomalous areas. What I found appears to be a large mineralized area. I proceeded to take soils and stake the Lucky 1-12 claims.

I continued prospecting the Prince claim area in early October. I focus on the old Box Car showing. I started prospecting with a regional magnetic survey. What I uncovered was a new trend that seems to continue in a direction that past exploration missed. I put a grid in with the help of Scott Fleming and Micheal Glynn and chase the anomaly for 700 meters out from the old showing.

My last day prospecting on the program was back to the Hem claim area. I and Scott Fleming staked the Hem 79-88 claims. I collected new rock samples for the Geoscience Forum.

All and All the 2001 prospecting season was very exciting with forest fires and four new showings. What interesting is that there all copper showing. Must be the year of Copper.

## DAILY DIARY

### 2001 SEASON

- May 29 staked the Prince claims
- May 30 staked the Prince claims found old Box Car showing
- May 30 Prospected Box Car area found old trench on side hill on claim line Rusty quartzs in trench no v sible minerehization
- June 07 I prospected and staked the Blue Pearls 1 8 I found a large quartz vein on Blue Pearls 2 No o<sup>th</sup>er visual minerehization I took a soil from the airborne magnetic low area
- June 21 Scott Fleming and I flew into the Lucky Joe area The first evening I found the magnetite bearing rock unit close to camp on the ridge top
- June 22 We both staked and prospected at the same time I found a large pyrite horizon just below the camp area on the west side of the ridge
- June 23 Staking continue with soil sampling and silt sampling
- June 24 We both soil sample various area along the claim block The pyrite horizon was found on the ridge top south of the camp location
- June 25 Scott silt sample the creek drainage east of the camp while I staked and soil sample the south end of the claim block The fire is approaching rapidly and it looks like we have no more than one day
- June 26 Started hand trenching magnetite showing of camp area Fire broke out on ridge crest across from camp I called for evacuation from forestry that had the only available helicopter We got out in time to witness a wall of flame come running down hill 600 meters from camp Thank the gods for helicopters and mobile phones
- June 28 Scott Fleming drove me out to Clinton Creek road to meet Fireweed Helicopters I was put out at the head waters of Shell Creek I set up camp on a nice ridge top overlooking the whole country A beautiful sight for about 4 hours until a large lightning storm came in and proceeded to blast the large iron formation that I was camp on Another fire started about 2 5 miles away I called it in to forestry and continued prospecting that night
- June 29 I soil sample across the iron formation looking for any minerehization I found a large quartz system carrying copper

June 30 I silt sample creeks draining the north side of the iron formation. Some creeks were very rusty at certain locations. I called Fireweed helicopter to pick me up while they were fighting the fire I called in. Two fire in a week forestry amusingly asked me where my next project area was.

August 16 I and Scott Fleming proceeded up the Dempster Highway to prospect and stake new Hem claims.

August 17 We finish staking the Hem 1-22 claims. I found two new copper showings in creek drainage on the west side of the Blackstone River. Return to Dawson.

August 21 Return to stake Hem 23-78. I took Scott Fleming and another assistant Marcus. Scott and I staked with Marcus helping bring post across the open tundra area.

August 22 Staking continued with on going prospecting.

August 23 Staking continued and prospecting south of the Hem claim area along the Dempster Highway. No breccia was seen.

August 24 Continued prospecting west of the Hem claim block on a high ridge area. Again no breccia seen with only one area of minor Cu seen in the Quartet siltstone. We headed back to Dawson that evening.

September 11 Day of New York Terrorist Attack. I went up the Dempster Highway with Ken Galambos and Mike Burky to look at the Hem claim showing. Ken spotted a nice unreported showing of malachite staining on outcrop.

September 13 Another property visit with Ken and Mike this time to the Lucky Joe showing. Once the visit was complete I proceeded to camp in a valley west of the Lucky Joe claim block.

September 14 I stake the Lucky 1-6 claims and took soil sample of the pyrite horizon found during my traverse.

September 15 I continued staking the Lucky 7-12 claims and took soil sample. Again I notice the pyrite horizon.

September 16 I continued soil sampling the Lucky claims area. I found the pyrite horizon across the whole claim block and I feel this may be exciting new target.

October 11 I came back to the Box Car showing and proceeded to investigate the area with a magnetometer. I found to my amazement the showing going exactly the opposite to what past exploration thought it was going. I was excited and proceeded to flag out the magnetic anomaly with blue flagging.



**October 15** I proceeded to put in a small grid covering the Box Car Showing I put lines in every 25 meters and took station at a 5 meter interval The base line was put in going north east The conductor that started at the Box Car Showing and now was moving past the 100 meter line So more work will required

**October 17** I returned with Mike Glynn to the Box Car grid I got Mike to continue putting in the grid going North east with the Base line We finish the day with the conductor moving past line 500 north More grid to come

**October 26** I returned with Scott Fleming and we proceeded to expand the Box Car grid We put more line in up to line 700 north and expand the grid to 400 west and 740 east The conductor continued

**October 27** I finish the last line on the Box Car grid and Scott soil sample the magnetic anomalies

**November 15** I and Scott Fleming proceeded up the Dempster Highway to stake more claims and get some more rock sample from the Hem claims We staked the Hem 79-88 claims

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**PROSPECTING**

**BY**

**SHAWN RYAN**

**2001**

**PROJECT #1 PRINCE 1-54, KLONDIKE AREA**

**SUMMARY**

The Prince claims were staked in late May 2001. I staked the claims to cover a soil anomaly that was found by Arbor Resource but never followed up. In early June the GSC released a new airborne geophysical survey of the Klondike area that revealed a magnetic gradient anomaly covering the old Box Car showing and some of the lead anomalies found by Arbor soil survey. I proceeded to investigate the Box Car showing and place a grid covering the area. What I found was a nice magnetic anomaly, starting on the Box Car showing and moving 700 meters out. A new view to a old showing. I will follow it next spring with more grid work and soil work.

**LOCATION**

The Prince claims are located in the Dawson Mining District. The claim block is 15 miles south of Dawson City located on NTS map # 115 O / 14. The latitude is 63° 55' N and longitude 139° 02' W.

**ACCESS**

Access is by pick up truck up the Hunker Creek road. The Claim block covers part of the Gold Bottom Creek road which is situated 15 miles up the Hunker creek road on the west side. You can also arrive to the Box Car showing which is located off the Bonanza Creek road 150 meters off the Ridge Road Trail.

## GEOLOGY

The Prince claims are located in the Yukon-Tanana Terrane. The claims are covering a rock unit of pale green to tan weathering quartz-muscovite chlorite schist (unit Psq) of the Permian Klondike Schist Assemblage.

## WORK PERFORMED

I and Scott Fleming worked for three days in late May staking and prospecting the Prince Claims. I returned in mid October to prospect with a magnetometer around the old Box Car showing. I was amazed to find the anomaly starting from the Box Car showing and heading in a north east direction. This is almost exactly opposite to that past exploration trenching thoughts where I decide to put a grid covering the showing and put lines every 25 meters with station every 5 meters. I ran the grid out for 4 lines 100 meters and found the magnetic anomaly still moving north east.

I proceeded to come back with Mike Glynn and continued to put more grid in and expand the magnetic anomaly. Well the anomaly still continued and was now out past line 500. I returned with Scott Fleming and continued with the grid going out to line 700 NE. The magnetic anomaly continues on and looks very interesting.

## EVALUATION

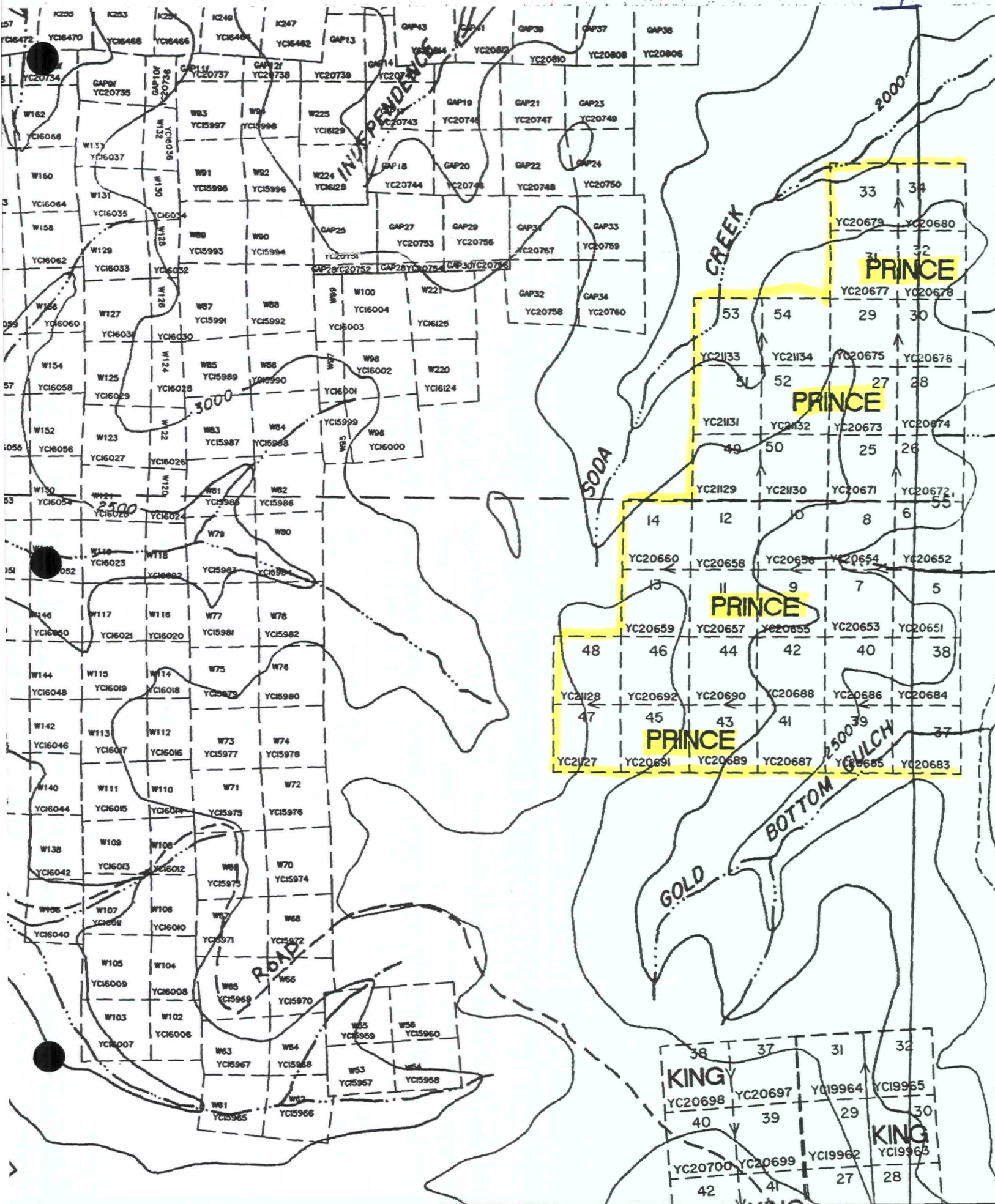
The Box Car grid revealed a very interesting anomaly. The old showing which is now 100 years old was thought to be going in a north north-west around 350 degrees. The new interpretation based on the ground magnetic survey is that the showing is now moving at around 60 degrees NE.

## RECOMMENDATION

I would recommend extending the grid following the magnetic anomaly. I would also recommend follow up with soil work and hand trenching over conductors.

NTS # 1150/14

NORTH ↑



**PRINCE**

33	34
31	32
29	30
53	54
51	52
49	50
14	12
13	10
11	8
9	7
5	6
48	46
44	42
40	38
47	45
43	41
39	37

**PRINCE**

**PRINCE**

**PRINCE**

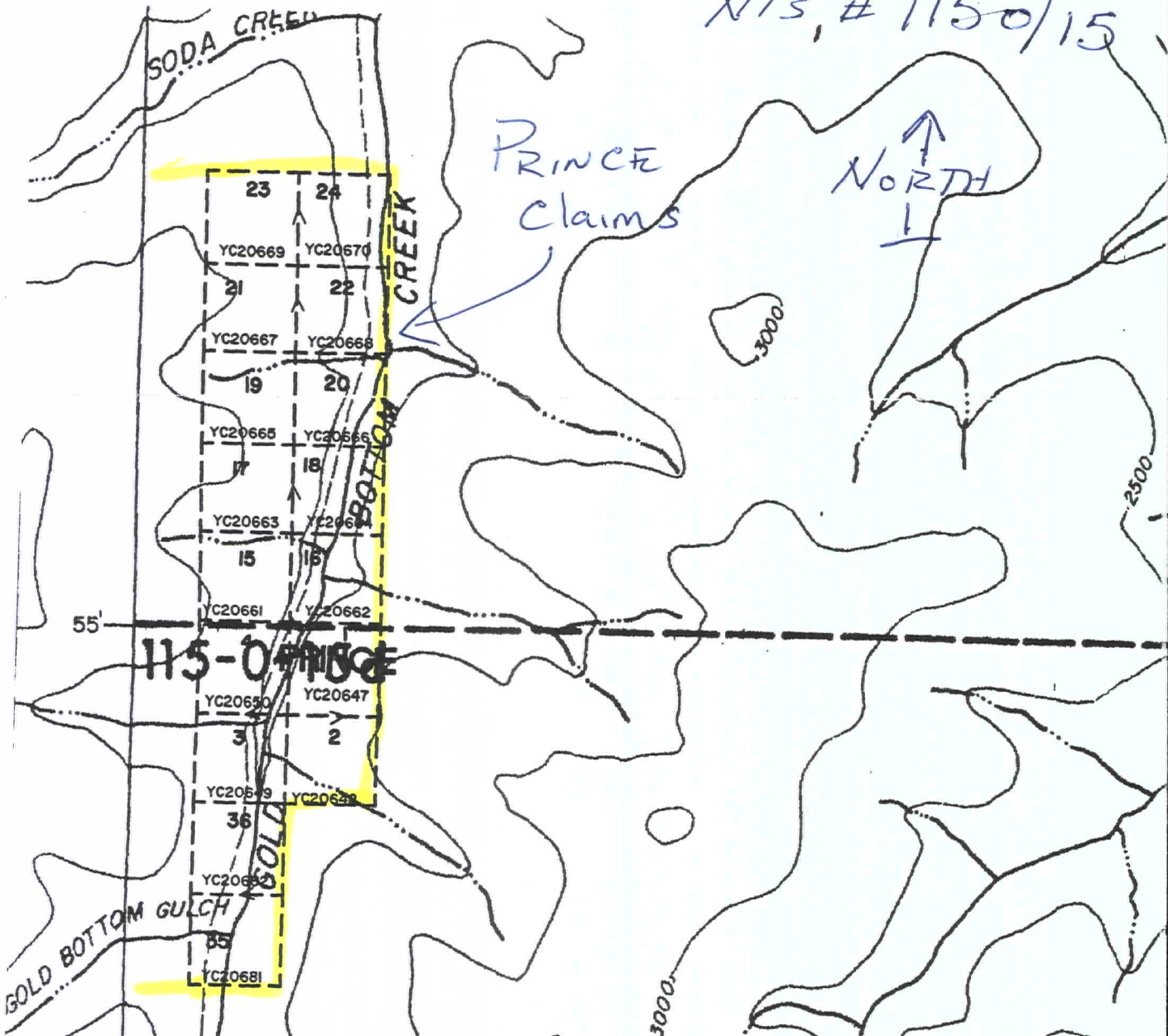
**KING**

38	37	31	32
40	39	29	30
42	41	27	28

**KING**



NTS, # 1150/15



23	24
YC20669	YC20670
21	22
YC20667	YC20668
19	20
YC20665	YC20666
17	18
YC20663	YC20664
15	16
YC20661	YC20662
3	2
YC20659	YC20647
36	
YC20659	YC20648
35	
YC20650	
34	
YC20681	

11	12	14	13
YC19944	YC19945	YC19947	YC19946
9	10	16	15
YC19942	YC19943	YC19949	YC19948
7	8	18	17
YC19940	YC19941	YC19951	YC19950

KING

15	JAE		
YA89318	TM		
2	1	2	1
YA89007	YA89006	YC1789	YC17893
4	3	19	18
JAE			
YA89009	YA89008	YA89322	YA89321
6	5	17	16
YA89011	YA89010	YA89320	YA89319
8	7	11	13
JAE			
YA89013	YA89012	YA89016	YA89018
10	9	12	14
JAE			
YA89015	YA89014	YA89017	YA89019

KING SOLOMONS





## PROJECT # 2 BLUE PEARLS

### SUMMARY

The Blue Pearls 1-8 were staked in early June. The claims cover a geophysical anomaly found in the GCS new regional Airborne geophysical survey. I have only spent a day prospecting and found a large quartz vein. I don't think it's the anomaly, so more is required to explain it.

### LOCATION

The Blue Pearls 1-8 are located 23 miles south-south-east of Dawson City. The claim block is located on NTS # 115 0 / 10 at a latitude of 63 44 N and longitude 139 00 W.

### ACCESS

Access to claim block is a four-wheeler trail located off the Sulphur Creek road.

### GEOLOGY

The claims cover a Permian rock unit called the Sulphur Creek orthogneiss. The unit consists of a biotite-bearing quartz monzonitic gneiss.

### WORK PERFORMED

I spent one day staking and prospecting the Blue Pearls 1-8. I found a large quartz vein at the south end of the claim block. I took one soil sample with the idea of returning but never did.

### EVALUATION

The soil sample did not reveal any anomalies except maybe potassium.

### RECOMMENDATION

I would recommend more soil sampling covering a cross-section of the Gradient magnetic low.



FOR WHICH THE...  
AND NORTHERN DEVELOPMENT WILL ACCEPT NO  
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OR OMISSIONS WHATSOEVER

115 0/10

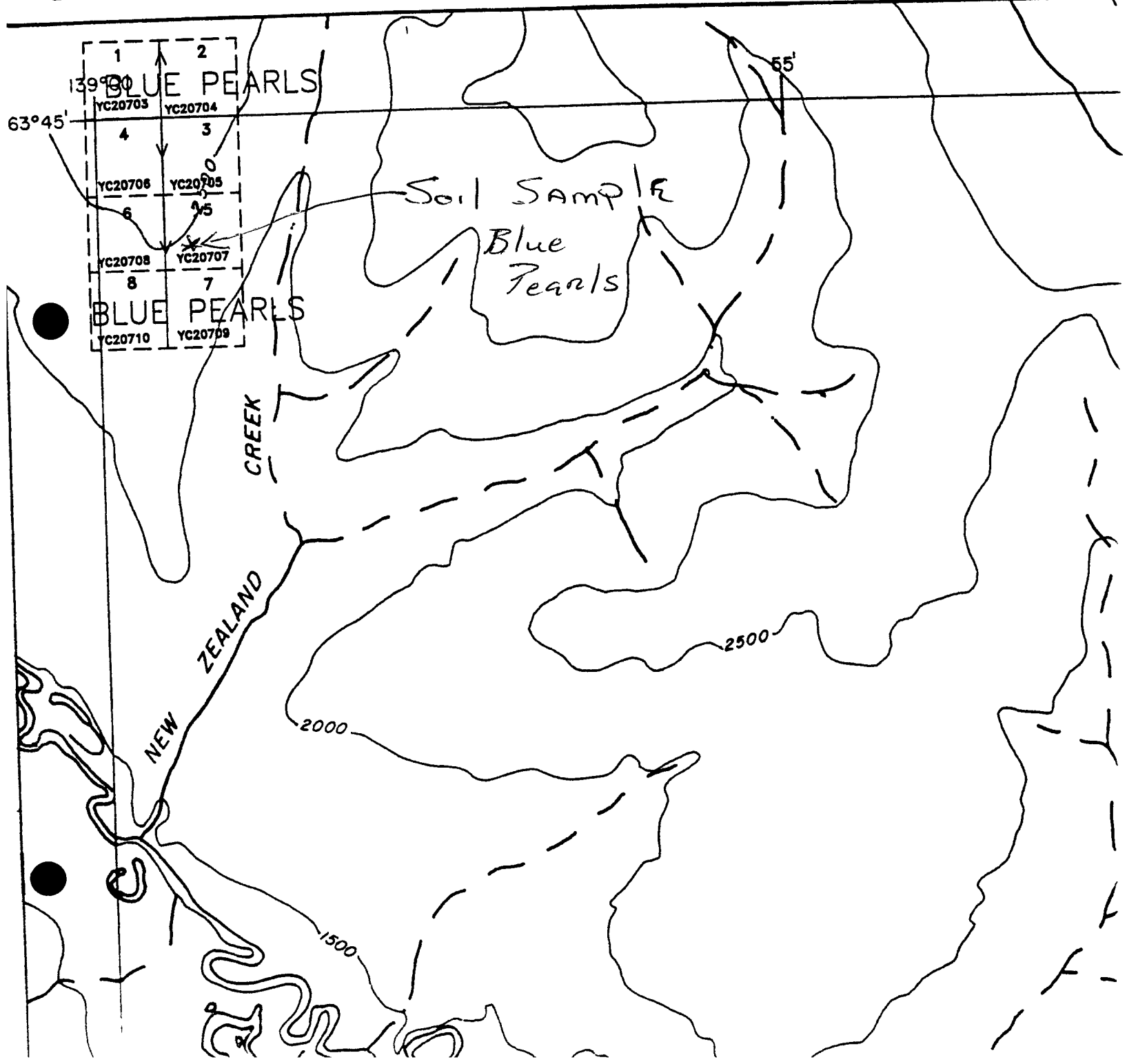
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DAWSON MINING DISTRICT

DFN (DAWSON FIRST NATION) A



P 03/05  
 FAX NO. 8042531718  
 JUL-17-2001 TUE 10 09 AM ACME ANALYTICAL LAB

ACME ANALYTICAL LABORATORIES LTD  
 (ISO 9002 Accredited Co.)



GEOCHEMICAL ANALYSIS CERTIFICATE



Canadian United Minerals Inc. File # A102047 (a)  
 P O Box 1260 Dawson City YT Y9B 1G0 Submitted by Shawn Ryan

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga																								
	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm																								
Btue S01	97	10	39	10	88	64	9	28	26	0	11	3	428	3	52	9	3	7	4	6	6	11	5	11	46	20	57	12	035	5	4	43	0	99	210	7	085	1	2	38	005	31	<	2	2	2	20	<	01	14	<	1	02	9	5						
RE Btue S01	96	10	03	10	44	63	3	27	23	2	11	3	424	3	50	8	8	7	<	2	6	3	11	5	09	45	20	53	11	034	5	4	43	7	97	208	0	073	1	2	37	006	30	<	2	2	3	21	01	12	1	04	9	4							
STANDARD DS3	9	17	121	92	34	46	155	2	264	34	4	12	3	795	3	08	28	9	5	4	19	6	3	8	27	6	5	34	5	17	5	23	75	52	088	14	8	192	0	59	144	0	084	2	1	71	031	17	3	9	2	8	98	02	210	1	1	1	04	6	1

GROUP 1F30 30 00 GM SAMPLE 180 ML 2 2 2 HCL HNO3 H2O AT 95 DEG C FOR ONE HOUR AND IS DILUTED TO 600 ML ANALYSIS BY ICP/ES & MS  
 UPPER LIMITS AG AU HG W SE TE TL GA SN = 100 PPM MO CO CD SB BI TH U B = 2 000 PPM CU PB ZN NI MN AS V LA CR = 10 000 PPM  
 SAMPLE TYPE SOIL SS80 60C Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns

DATE RECEIVED: JUL 6 2001 DATE REPORT MAILED *July 16/01* SIGNED BY *C. Leong* TOYE C LEONG J WANG CERTIFIED B C ASSAYERS

GEOCHEMICAL ANALYSIS CERTIFICATE

Canadian United Minerals Inc  
P.O. Box 1260, Dawson City Y1 70S 1G0

File # A102047 (b)  
Submitted by: Shawn Ryan



SAMPLE#	Y ppm	Ce ppm	Pr ppm	Nd ppm	Sm ppm	Eu ppm	Gd ppm	Tb ppm	Dy ppm	Ho ppm	Er ppm	Tm ppm	Yb ppm	Lu ppm	Sample gm
Blue S01	3 43	13 0	1 33	4 72	95	18	88	12	74	13	42	07	48	06	30
RE Blue S01	3 41	13 0	1 33	4 66	1 00	19	78	13	77	14	43	07	45	06	15
STANDARD DS3	8 03	31 5	3 55	13 08	2 65	55 2	25	31 1	74	28	81	11	84	10	30

GROUP 1F30 30.00 GM SAMPLE LEACHED WITH 180 ML 2.2% HCL HNO3 H2O AT 95 DEG C FOR ONE HOUR DILUTED TO 600 ML ANALYSED BY ICP/ES & MS  
 UPPER LIMITS AG AU HG W SE TE TL GA SN = 100 PPM NO CO CD SB BI TH U B = 2 000 PPM CU PB ZN NI MN AS V LA CR = 10 000 PPM  
 SAMPLE TYPE SOIL SS80 60C Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns

DATE RECEIVED JUL 6 2001 DATE REPORT MAILED *July 16/01* SIGNED BY *[Signature]* D TOYE C LEONG J WANG CERTIFIED B C ASSAYERS

P 04/05  
FAX NO 6042531718  
JUL-17-2001 TUE 10 10 AM ACME ANALYTICAL LAB

## PROJECT #3 LUCKY JOE 1-48, LUCKY 1-12

### SUMMARY

The Lucky Joe project area was targeted based on the GSC new Airborne Geophysical Maps. I found a geophysical anomaly that seems to indicate a larger regional target for sedimentary copper deposits.

### LOCATION

The Lucky Joe area is located 35 miles south of Dawson City. The claim blocks staked cover two NTS sheets #1150/11 and 12. The latitude is 63° 33' N and longitude 139° 28' W.

### ACCESS

Access is by helicopter from Dawson City.

### GEOLOGY

The Lucky Joe Area is located in the Yukon-Tanana Terrane. It consists of biotite-muscovite schist of Devonian-Mississippian age. There is also a gneiss unit of quartz-muscovite schist called the Pelly Gneiss that covers part of the area.

### WORK PERFORMED

I worked in the project area for 10 days on two different times. The first time was on June 21 with Scott Fleming. On June 21, I proceeded to stake claims and prospect the area. We took mostly 24 silts from various creek drainages and 35 soil samples across four areas. I returned September 14 for three more days of follow-up and to stake the Lucky 1-12. I took 66 soils covering the contact of a gradient magnetic low-high contact. Most soil samples were taken in the magnetic gradient low area.

### EVALUATION

The silt sample showed subtle anomalous values in Cu in a few creeks. The main anomalous creek area was followed up by soil sampling using the GSC new Airborne Gradient Magnetic map with 66 soils covering anomalous gradient low areas. The results were very encouraging with assays in copper up to 2700 ppm Cu. I also found the pyrite horizon sitting in the gradient low areas. This would seem to fit the sedimentary copper deposit model.

### RECOMMENDATION

I recommend following up the whole area. I feel the anomalous trend is consistent with the gradient maps from the GSC. All that is required is to soil sample contact areas. Soil lines can be 200 meters apart with 25 meter spacing.

# SHEET 1150-12

## QUARTZ

LATITUDE 43°02' N 43°12' N  
 LONGITUDE 139° 30' W 140° 00' W

SCALE 1:37,488



ISSUED UNDER THE AUTHORITY OF THE MINISTER OF  
 INDIAN AFFAIRS AND NORTHERN DEVELOPMENT



**NOTICE**

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 TOPOGRAPHY COMPILED FROM 1:50,000 NATIONAL TOPOGRAPHIC SERIES CONTOUR INTERVAL 300 FEET SURVEY INFORMATION COMPILED FROM LEGAL SURVEYS BY DRAFTING SERVICES

115-0-12	115-0-13	115-0-14
115-0-8	115-0-12	115-0-11
115-0-4	115-0-8	115-0-6

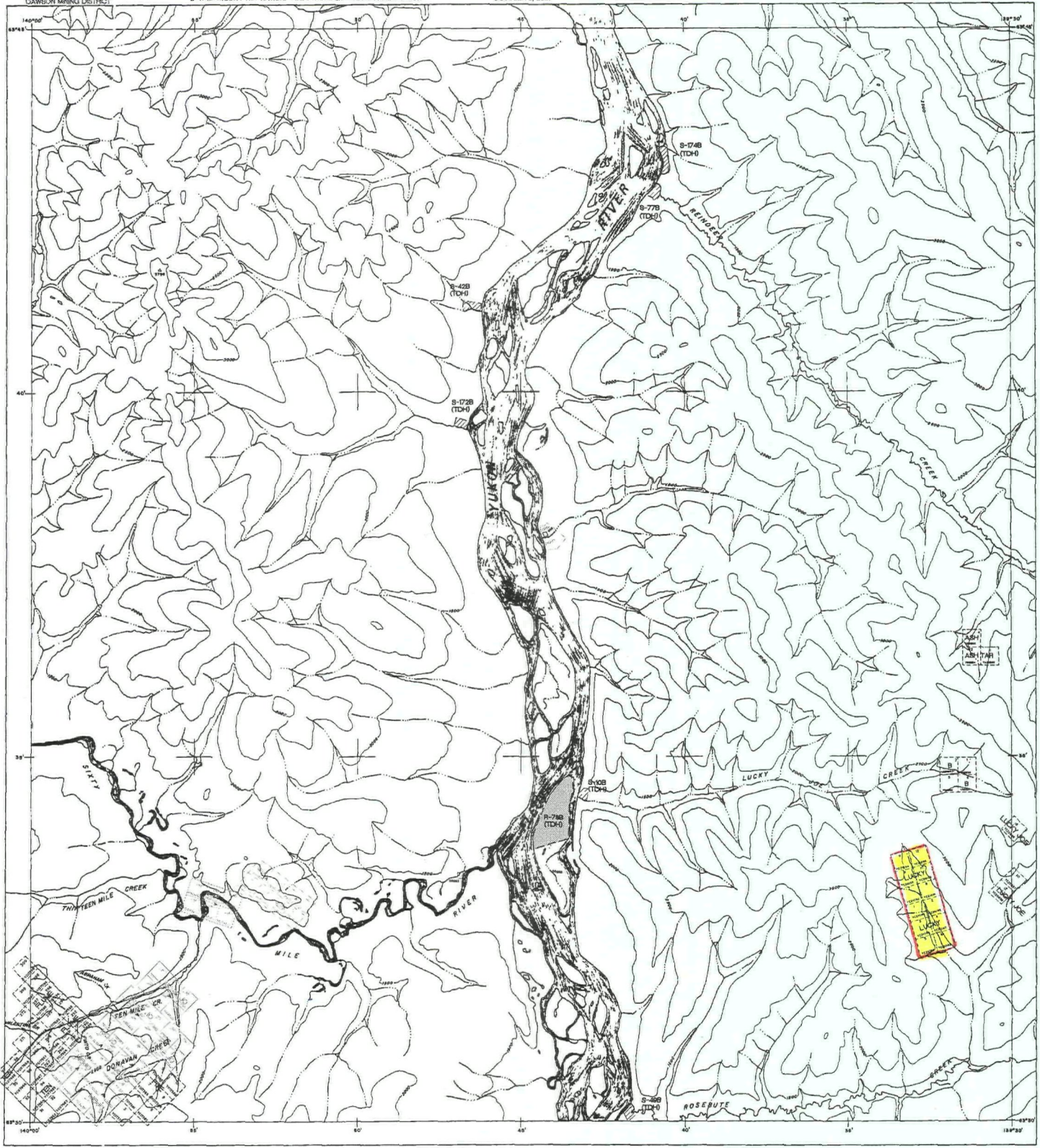
SEE ADJACENT MAP SHEET EDGES FOR ADJOINING MINERAL CLAIMS NOT SHOWN ON THIS MAP

Canada

DAWSON MINING DISTRICT

DFN (DAWSON FIRST NATION) A.K.A. THONDEK HWECHIN FIRST NATION

OCTOBER 8, 2001





115-0-11

QUARTZ

LATITUDE 63°30' TO 63°46'

LONGITUDE 109°00' TO 109°30'

CANADA  
DEPARTMENT OF NORTHERN AFFAIRS AND NATIONAL RESOURCES  
NORTHERN ADMINISTRATION AND LANDS BRANCH  
MINERAL AND LANDS DIVISION

SCALE 1:131,880

1000 0 1000 2000 3000 4000 5000 FEET

1000 0 1000 2000 3000 4000 METERS

ISSUED UNDER THE AUTHORITY OF THE MINISTER OF NORTHERN AFFAIRS AND NATIONAL RESOURCES

SEE ADJACENT MAP SHEETS (S) EDGES FOR ADJONING MINERAL CLAIMS NOT SHOWN ON THIS MAP

TOPOGRAPHY COMPILED FROM 1:50,000 NATIONAL TOPOGRAPHIC SERIES  
CONTOUR INTERVAL 800 FEET  
SURVEY INFORMATION COMPILED FROM LEGAL SURVEYS, BY DRAFTING SERVICES 1982.

NOTICE

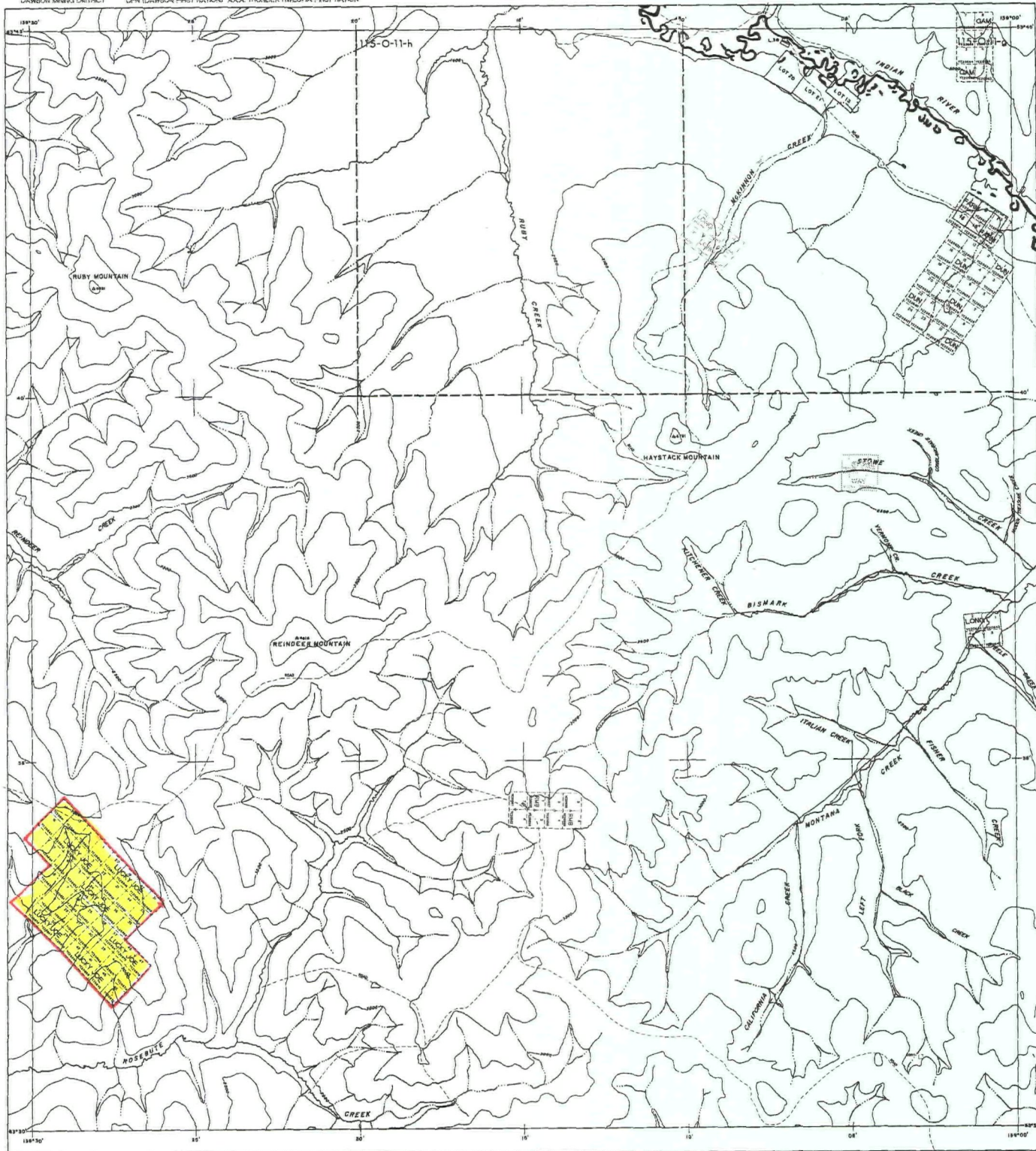
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115-0-13	115-0-14	115-0-15
115-0-12	115-0-11	115-0-10
115-0-5	115-0-6	115-0-7



DAWSON MINING DISTRICT DFN (DAWSON FIRST NATION) A.K.A. TRONDEK HWEDCHIN FIRST NATION

SEPTEMBER 9, 2001





Lucky Joe  
AREA

GEOCHEMICAL ANALYSIS CERTIFICATE

Canadian United Minerals Inc File # A102045 Page 1  
P O Box 1260 Dawson City YT Y0B 1G0 Submitted by Shawn Ryan

Soil Sample AA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe / ppm	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca / ppm	P / ppm	La ppm	Cr ppm	Mg / ppm	Ba ppm	Ti / ppm	B ppm	Al %	Na / ppm	K / ppm	W ppm						
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2	LJ01SR01	2	26	15	111	1	3	54	17	779	6	07	4	<8	<2	16	30	8	4	5	84	12	024	45	78	1	53	325	40	<3	4	68	01	1	23	<2
3	LJ01SR02	1	22	10	64	3	25	9	348	3	04	11	<8	<2	5	17	<2	2	5	<3	69	16	021	11	38	56	199	09	<3	1	91	01	08	<2		
4	LJ01SR03	1	19	5	56	<3	19	9	212	2	94	4	<8	<2	4	21	3	<3	<3	69	28	018	19	31	64	231	09	3	1	89	01	05	<2			
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13	LJ01AS01	3	39	7	149	4	37	8	687	5	18	2	<8	<2	5	39	5	3	<3	65	36	073	18	53	1	09	559	21	<3	2	40	01	71	<2		
14	LJ01AS02	1	17	5	56	3	12	6	352	3	12	10	<8	<2	3	24	3	3	<3	56	38	048	21	20	66	205	08	<3	1	50	02	11	2			
15	LJ01AS02A	2	12	6	85	<3	14	4	488	4	71	5	<8	<2	3	14	2	3	<3	41	22	046	11	17	43	89	05	<3	1	90	01	15	<2			
16	LJ01AS03	1	15	4	55	<3	9	7	266	3	20	7	<8	<2	3	22	<2	<3	<3	63	38	062	10	23	68	186	08	<3	1	60	02	05	<2			
17	LJ01AS04	1	16	5	61	3	10	9	277	3	20	5	<8	<2	3	22	3	4	<3	68	34	049	10	22	78	182	08	<3	1	73	02	06	<2			
18	LJ01AS05	2	20	4	49	3	14	8	329	2	66	5	<8	<2	3	30	2	4	<3	54	49	042	14	27	57	263	07	<3	1	52	02	06	<2			
19	RE LJ01AS05	1	21	6	51	4	17	8	341	2	67	5	<8	<2	4	31	3	<3	<3	56	50	046	15	27	58	267	08	<3	1	54	02	06	<2			
19	LJ01AS06	1	17	5	56	3	12	10	358	3	64	6	<8	<2	3	21	3	<3	<3	82	38	042	9	19	71	190	10	<3	1	60	03	10	<2			
20	LJ01AS07	1	22	10	55	4	22	10	433	2	96	5	<8	<2	4	30	3	<3	<3	69	45	043	15	32	59	215	06	3	1	60	02	07	<2			
21	LJ01AS08	1	23	4	89	<3	15	9	367	3	27	9	<8	<2	3	24	5	<3	<3	54	36	050	13	23	94	165	09	<3	1	64	02	14	<2			
22	LJ01AS09	2	20	4	85	3	10	13	1063	3	51	6	<8	<2	4	20	2	<3	<3	65	23	028	11	19	70	222	07	<3	1	60	02	14	<2			
23	LJ01B00	1	15	19	69	7	17	9	281	3	35	10	<8	<2	3	16	9	4	<3	69	15	030	10	29	44	319	05	<3	2	16	<	01	05	<2		
24	LJ01B100	1	31	14	96	3	56	20	314	3	81	8	<8	<2	9	19	4	<3	<3	81	24	026	16	57	91	233	09	<3	3	28	01	33	<2			
25	LJ01B200	2	50	11	94	3	16	6	222	4	20	9	<8	<2	10	33	3	4	<3	83	11	050	43	41	99	318	12	<3	2	22	02	39	<2			
26	LJ01B300	1	30	15	72	5	34	12	314	3	27	11	<8	<2	6	24	5	<3	<3	87	18	027	15	44	81	505	09	<3	2	46	01	10	<2			
27	LJ01B400	1	20	12	119	5	15	12	351	3	97	7	<8	<2	4	14	4	4	<3	117	22	033	7	29	76	278	16	3	2	41	02	16	<2			
28	LJ01C100	2	28	9	55	1	4	25	9	198	3	16	6	<8	<2	4	20	3	3	<3	73	17	040	12	34	55	202	08	<3	1	97	01	07	<2		
29	LJ01C100A	3	117	11	152	<3	78	15	375	8	63	2	<8	<2	15	36	7	<3	<3	211	10	112	78	176	2	50	832	28	<3	4	58	06	1	65	2	
30	LJ01C200	2	31	14	79	1	0	33	10	201	3	41	12	<8	<2	4	18	8	<3	<3	78	16	043	13	43	65	196	07	3	2	16	<	01	07	<2	
31	LJ01C900	<1	18	5	27	<3	13	7	255	2	42	7	<8	<2	2	17	5	<3	<3	57	27	038	7	21	41	151	07	<3	1	56	01	05	<2			
32	LJ01C1010	<1	17	5	33	3	14	7	229	2	22	8	<8	<2	2	23	<2	<3	<3	50	32	042	11	32	49	217	06	<3	1	55	01	09	2			
33	LJ01C1120	1	11	3	31	3	15	8	245	2	54	4	<8	<2	2	19	3	<3	<3	60	28	022	8	25	50	177	08	<3	1	60	01	04	<2			
	STANDARD C3	26	64	33	171	6	0	38	11	778	3	38	54	22	2	21	28	23	4	15	24	84	56	087	17	172	62	148	09	16	1	86	04	16	15	
	STANDARD G 2	2	2	4	44	<3	8	4	552	2	04	3	<8	<2	5	72	4	4	<3	43	67	095	7	83	62	227	12	<3	93	07	47	3				

GROUP 1D 0.50 GM SAMPLE LEACHED WITH 3 ML 2.2.2 HCL HNO3 H2O AT 95 DEG C FOR ONE HOUR DILUTED TO 10 ML ANALYSED BY ICP ES  
UPPER LIMITS AG AU HG W = 100 PPM MO CO CD SB BI TH U & B 2 000 PPM CU PB ZN NI MN AS V LA CR 10 000 PPM  
SAMPLE TYPE SOIL SS&O 60C Samples beginning RE are Reruns and RRE are Reject Reruns

DATE RECEIVED JUL 6 2001 DATE REPORT MAILED *July 13/01* SIGNED BY *C. Leong* D TOYE C LEONG J WANG CERTIFIED B C ASSAYERS

All results are considered the confidential property of the client Acme assumes the liabilities for actual cost of the analysis only

Data *L* FA



Soil



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	N1 ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	B1 ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	T1 %	B ppm	Al %	Na %	K %	W ppm				
34 LJ01C1260	1	30	3	79	5	17	6	432	3	40	8	<8	<2	5	25	7	4	<3	45	41	035	45	24	60	313	12	<3	1	95	01	25	<2		
35 LJ01C1350	2	6	<3	122	< 3	1	2	968	4	01	5	<8	<2	2	11	7	3	<3	22	19	026	5	6	52	175	26	<3	1	61	02	76	<2		
RE LJ01C1350	1	6	3	125	< 3	<1	2	919	4	02	4	<8	<2	2	11	4	4	4	20	22	028	5	5	52	176	26	<3	1	65	01	77	<2		
STANDARD C3	27	64	32	167	6	2	34	12	791	3	36	60	20	<2	21	28	23	5	19	27	84	57	087	17	172	65	148	09	19	1	86	04	15	15
STANDARD G 2	2	2	<3	42	< 3	7	4	542	2	01	4	<8	<2	4	66	3	<3	<3	44	64	093	7	78	63	214	13	<3	90	07	45	2			

Sample type SOIL SS80 60C Samples beginning RE are Reruns and RRE are Reject Reruns





GEOCHEMICAL ANALYSIS CERTIFICATE

S.I.T Samples AA

Canadian United Minerals Inc File # A102044  
P O Box 1260 Dawson City YT Y0B 1G0 Submitted by Shawn Ryan

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Tl	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Au*								
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppb									
1 FE01BSS01	8	128	10	93	1	36	15	830	3	39	5	<1	<2	4	32	3	1	1	5	54	54	098	18	33	81	92	067	1	1	41	016	07	<1	<1	5	2	<1	02	5	7	3			
2 FE01BSS02	1	2	142	18	95	1	46	18	1038	6	00	9	<1	<2	4	37	6	<5	1	2	38	58	100	25	30	72	56	022	<1	1	28	007	06	1	<1	4	5	<1	07	6	16	9		
3 FE01BSS03	6	152	13	128	2	158	106	7222	15	99	14	<1	<2	5	26	6	5	<5	5	34	48	063	36	25	71	51	025	14	1	29	006	04	<1	1	4	3	<1	11	9	23	5			
4 FE01BSS04	8	180	10	96	1	54	20	1303	4	38	6	<1	<2	2	34	5	<5	1	1	51	91	108	18	60	14	81	032	1	1	66	008	07	<1	<1	4	5	<1	06	6	12	4			
36 LJ01SRSS01	8	18	5	59	<1	12	7	274	2	37	<1	1	<2	3	19	<2	<5	<5	51	44	053	18	16	55	98	072	<1	1	18	016	10	<1	<1	5	2	<1	03	5	2	0				
37 LJ01SRSS02	5	17	2	48	<1	11	7	356	2	21	1	<1	<2	2	30	<2	<5	<5	50	68	056	12	19	53	88	060	<1	1	19	020	06	<1	<1	4	8	<1	02	4	1	6				
38 LJ01SRSS03	2	19	4	46	<1	11	9	234	1	96	1	<1	<2	2	39	<2	<5	<5	50	69	089	11	19	50	120	068	<1	1	19	029	06	<1	<1	4	7	<1	02	5	10	0				
39 LJ01SRSS04	2	5	91	77	162	6	46	19	663	3	22	<1	9	<2	14	49	6	<5	1	2	55	88	087	100	35	84	171	127	<1	1	80	018	50	<1	<1	5	0	<1	06	8	3	4		
40 LJ01SRSS05	6	17	5	60	<1	14	15	678	2	90	<1	1	<2	5	36	2	<5	5	76	63	085	25	26	73	171	128	<1	1	78	030	21	1	<1	5	3	<1	02	8	2	5				
41 LJ01SRSS06	2	5	89	10	88	3	17	8	248	2	77	<1	1	<2	4	31	<2	<5	6	77	46	084	20	26	76	178	089	<1	1	60	030	12	<1	<1	6	1	<1	08	8	8	6			
42 LJ01SRSS07	5	46	6	76	<1	16	9	234	2	56	<1	1	<2	4	42	<2	<5	9	55	70	076	17	22	64	137	084	<1	1	50	026	15	<1	<1	5	3	<1	04	6	3	0				
43 LJ01SRSS08	4	25	5	62	<1	22	12	492	2	33	1	<1	<2	3	46	<2	<5	<5	61	85	085	11	27	67	127	084	<1	1	43	031	07	<1	<1	4	8	<1	04	5	1	8				
44 LJ01SRSS09	6	16	5	66	<1	11	8	516	2	19	2	<1	<2	2	35	2	<5	<5	56	59	065	13	19	49	106	076	<1	1	25	022	08	<1	<1	4	4	<1	02	5	2	1				
45 LJ01SRSS10	5	17	5	58	<1	13	8	375	2	04	<1	<1	<2	3	38	<2	<5	<5	56	67	072	13	21	50	108	070	<1	1	21	024	06	<1	<1	4	3	<1	02	5	2	1				
46 LJ01SRSS11	4	16	6	55	<1	14	9	418	2	06	2	1	<2	3	35	<2	6	<5	53	58	062	15	21	50	121	073	1	1	20	024	06	<1	<1	4	0	<1	02	4	2	4				
47 LJ01SRSS12	6	21	5	46	<1	16	8	303	2	11	<1	<1	<2	2	25	<2	6	<5	48	45	045	13	20	43	112	075	<1	1	34	018	06	<1	<1	4	8	<1	02	5	4	9				
RE LJ01SRSS11	4	16	6	54	<1	15	9	413	2	04	1	1	<2	4	35	<2	<5	5	52	58	069	15	23	50	133	074	<1	1	19	023	06	<1	<1	4	0	<1	02	5	5	0				
48 LJ01FSS01	5	12	6	59	<1	15	7	311	2	01	1	1	<2	2	25	2	5	<5	42	46	049	20	18	43	113	077	<1	1	13	019	11	<1	<1	4	6	<1	04	6	1	9				
49 LJ01FSS02	5	12	5	38	<1	11	5	153	1	55	<1	1	<2	2	16	<2	<5	<5	42	29	041	12	19	38	58	067	<1	1	00	015	05	<1	<1	3	0	<1	02	5	5	1				
50 LJ01FSS03	3	10	7	38	<1	10	4	135	1	31	1	1	<2	2	20	<2	<5	<5	38	31	044	12	21	37	67	073	<1	99	016	04	<1	<1	3	0	<1	02	4	4	6					
51 LJ01FSS04	1	8	25	10	148	2	27	34	1760	2	39	2	2	<2	4	41	1	7	<5	<5	60	73	076	31	24	56	240	084	<1	1	40	022	18	<1	<1	4	7	<1	05	5	4	8		
52 LJ01FSS05	9	38	43	195	1	23	10	555	2	56	<1	2	<2	9	37	6	<5	8	47	71	078	43	29	59	204	100	<1	1	38	020	23	1	<1	4	3	1	05	5	4	8				
53 LJ01FSS06	6	13	5	47	1	10	8	502	2	33	2	1	<2	5	29	<2	<5	5	48	51	084	23	18	54	107	080	<1	1	21	016	22	<1	<1	3	7	<1	02	5	2	2				
54 LJ01FSS07	5	12	11	57	<1	11	8	546	2	02	2	1	<2	5	30	2	<5	<5	47	51	060	24	20	51	131	087	<1	1	21	019	16	<1	<1	3	7	<1	02	4	6	3				
55 LJ01FSS08	6	13	5	43	<1	10	7	280	1	71	<1	1	<2	5	30	<2	<5	<5	45	51	059	18	18	51	81	085	<1	1	19	019	15	<1	<1	3	7	<1	02	4	3	3				
56 LJ01FSS09	7	18	5	44	<1	9	8	391	1	80	1	1	<2	4	24	<2	<5	<5	48	38	041	16	19	53	113	082	<1	1	24	013	16	<1	<1	3	5	<1	02	5	1	1				
57 LJ01FSS10	5	11	6	43	<1	10	7	291	1	51	<1	1	<2	5	27	<2	<5	<5	42	47	065	18	18	47	82	080	<1	1	03	017	14	<1	<1	3	3	<1	02	4	20	3				
58 LJ01FSS11	3	14	6	49	<1	11	8	350	1	84	1	1	<2	5	28	<2	<5	<5	47	45	056	19	20	51	118	080	<1	1	31	015	14	<1	<1	4	0	<1	02	5	3	7				
59 LJ01FSS12	6	14	19	65	<1	14	9	365	2	00	3	1	<2	5	29	<2	<5	5	47	48	068	25	23	47	107	091	<1	1	14	019	13	<1	<1	3	6	<1	02	5	11	9				
STANDARD DS3	9	0	131	35	167	2	35	12	778	3	13	29	7	<2	4	28	5	7	4	9	5	3	81	53	081	19	183	57	97	088	1	1	61	035	16	3	<1	4	2	<1	02	7	19	9

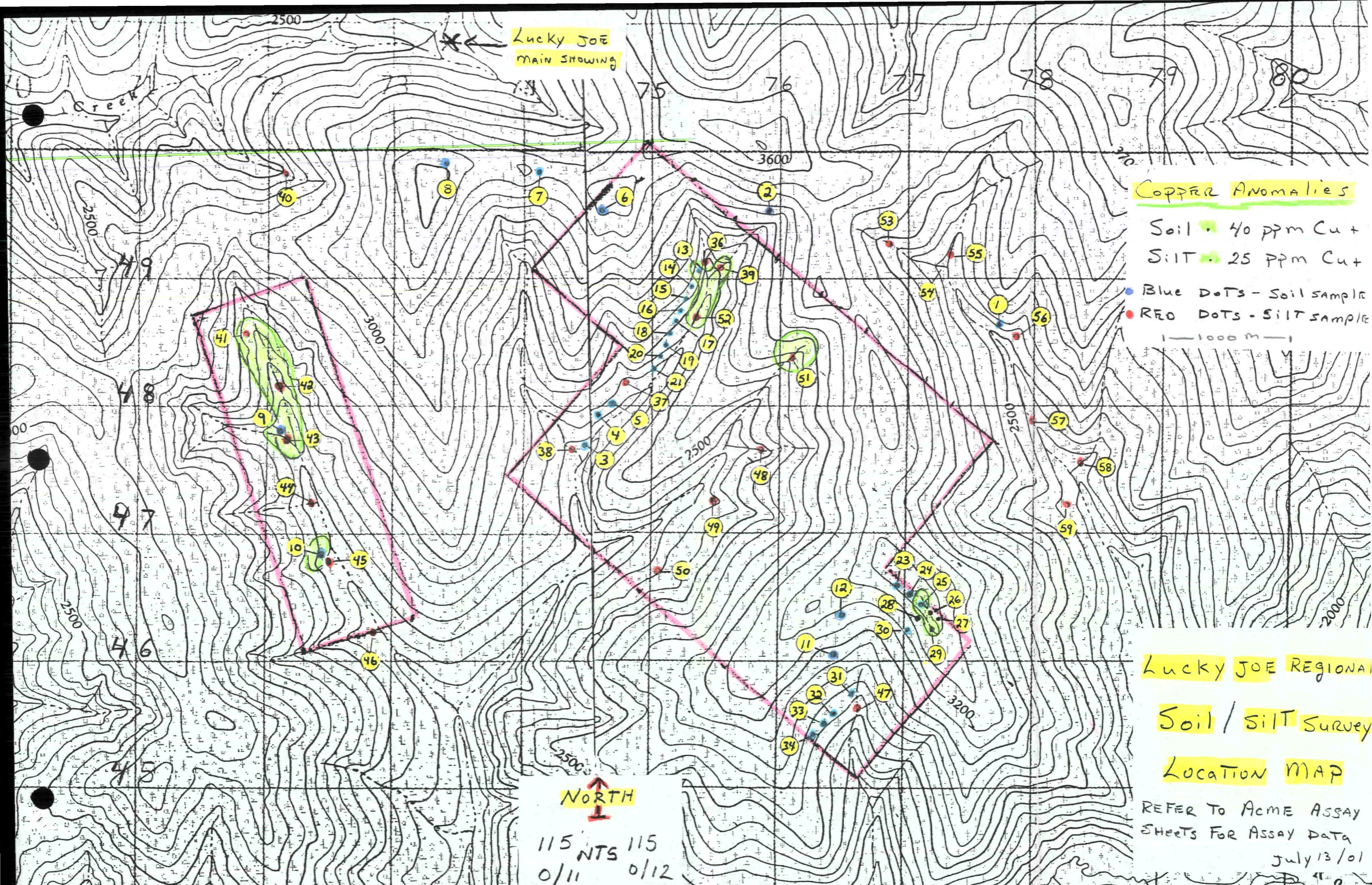
GROUP 1DX 0 50 GM SAMPLE LEACHED WITH 3 ML 2 2 2 HCL HNO3 H2O AT 95 DEG C FOR ONE HOUR DILUTED TO 10 ML ANALYSED BY OPTIMA ICP ES  
UPPER LIMITS AG AU HG W = 100 PPM MO CO CD SB BI TH U & B = 2 000 PPM CU PB ZN NI MN AS V LA CR = 10 000 PPM  
SAMPLE TYPE SILT S230 60C AU\* BY ACID LEACHED ANALYZE BY ICP MS (30 gm)  
Samples beginning RE are Reruns and RRE are Reject Reruns

DATE RECEIVED JUL 6 2001 DATE REPORT MAILED *July 19/01* SIGNED BY *CT* D TOYE C LEONG J WANG CERTIFIED B C ASSAYERS

**REVISED COPY** message for gold

LJ - SERIES → Lucky JOE AREA  
S.I.T SAMPLE





Lucky Joe  
MAIN SHOWING

**Copper Anomalies**

- Soil • 40 ppm Cu+
- Silt • 25 ppm Cu+
- Blue Dots - Soil sample
- Red Dots - Silt sample

1000 m

Lucky Joe REGIONAL

Soil / Silt Survey

LOCATION MAP

REFER TO ACME ASSAY SHEETS FOR ASSAY DATA  
July 13/01

NORTH

115 NTS 115  
0/11 0/12





SHEETS PIECED TOGETHER THIS WAY



Certificate# 01J1200  
 Client Northern Analytical Laboratories  
 Project WO#00231  
 No of Samples 67  
 Date In Oct 24 2001  
 Date Out Oct 31 2001

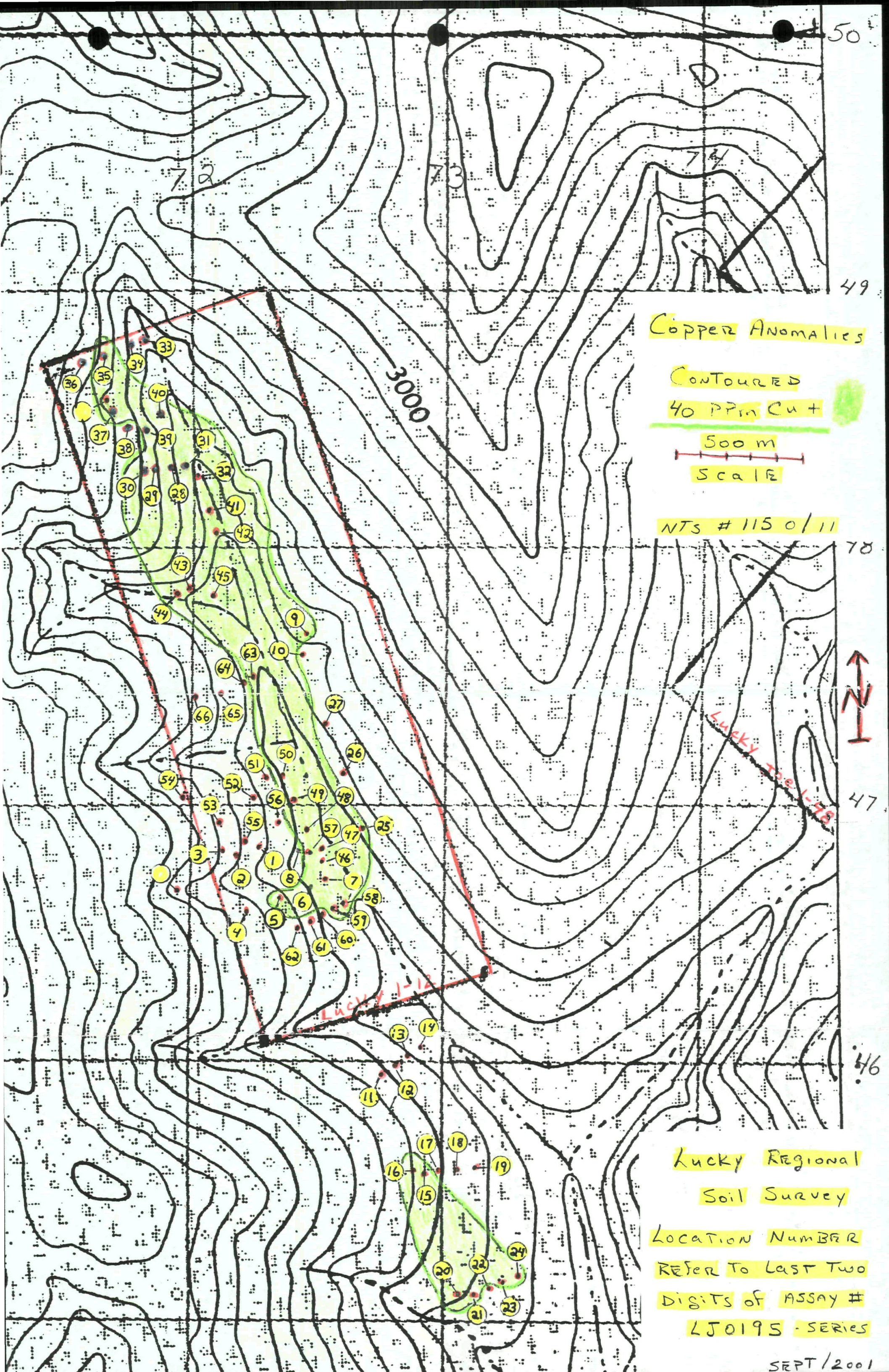
Sample Name	SampleType	Ag ppm	Cu ppm	Pb ppm	Zn ppm
LJ019S01	Pulp	<0.1	24	10	66
LJ019S02	Pulp	<0.1	25	13	67
LJ019S03	Pulp	<0.1	20	14	79
LJ019S04	Pulp	<0.1	24	10	65
LJ019S05	Pulp	0.3	60	13	236
LJ019S06	Pulp	<0.1	62	15	203
LJ019S07	Pulp	0.3	491	33	204
LJ019S08	Pulp	0.2	37	24	112
LJ019S09	Pulp	<0.1	159	8	120
LJ019S10	Pulp	<0.1	45	6	87
LJ019S11	Pulp	0.1	23	18	80
LJ019BS11	Pulp	0.2	22	16	140
LJ019S12	Pulp	0.2	22	18	78
LJ019S13	Pulp	0.1	19	13	88
LJ019S14	Pulp	0.2	22	14	88
LJ019S15	Pulp	0.2	58	14	129
LJ019S16	Pulp	0.2	158	38	397
LJ019S17	Pulp	0.1	23	11	99
LJ019S18	Pulp	0.1	31	18	61
LJ019S19	Pulp	<0.1	24	13	74
LJ019S20	Pulp	1.9	502	54	16
LJ019S21	Pulp	3.4	582	35	61
LJ019S22	Pulp	<0.1	33	12	49
LJ019S23	Pulp	0.2	49	16	54
LJ019S24	Pulp	0.2	150	15	167
LJ019S25	Pulp	0.2	98	15	285
LJ019S26	Pulp	0.1	45	10	104
LJ019S27	Pulp	0.2	31	14	79
LJ019S28	Pulp	0.4	209	12	119
LJ019S29	Pulp	0.7	185	20	90
LJ019S30	Pulp	0.3	60	44	300
LJ019S31	Pulp	0.4	266	19	105
LJ019S32	Pulp	0.2	46	8	49
LJ019S33	Pulp	0.1	9	10	67
LJ019S34	Pulp	0.2	22	15	97
LJ019S35	Pulp	0.4	125	19	88
LJ019S36	Pulp	0.3	34	14	84
LJ019S37	Pulp	0.2	69	10	144
LJ019S38	Pulp	0.2	27	16	87
LJ019S39	Pulp	1	429	12	103
LJ019S40	Pulp	0.2	52	21	121
LJ019S41	Pulp	0.2	86	11	88

LJ019S42	Pulp	0 3	174	12	74
LJ019S43	Pulp	0 3	43	13	145
LJ019S44	Pulp	0 2	76	11	141
LJ019S45	Pulp	0 2	78	17	186
LJ019S46	Pulp	3	1138	33	237
LJ019S47	Pulp	0 5	603	24	280
LJ019S48	Pulp	0 2	21	13	95
LJ019S49	Pulp	2	2700	44	387
LJ019S50	Pulp	0 5	71	17	103
LJ019S51	Pulp	0 2	22	13	104
LJ019S52	Pulp	0 2	28	13	90
LJ019S53	Pulp	0 3	20	7	250
LJ019S54	Pulp	0 2	20	13	102
LJ019S55	Pulp	0 2	39	13	78
LJ019S56	Pulp	0 2	41	25	144
LJ019S57	Pulp	0 2	46	18	146
LJ019S58	Pulp	0 4	401	22	188
LJ019S59	Pulp	1 7	1170	49	168
LJ019S60	Pulp	0 3	37	9	103
LJ019S61	Pulp	0 3	33	14	104
LJ019S62	Pulp	0 3	31	10	118
LJ019S63	Pulp	0 4	296	18	108
LJ019SS01	Pulp	0 2	18	11	59
LJ019SS02	Pulp	0 2	31	7	57
LJ019R01	Pulp	0 2	8	4	36

Minimum detection  
Maximum detection  
Method

0 1	1	2	1
100	20000	20000	20000
ICP	ICP	ICP	ICP





Copper Anomalies

Contoured  
40 ppm Cu+

500 m  
Scale

NTS # 115 0/11

Lucky Regional  
Soil Survey

Location Number  
Refer to last two  
digits of assay #  
LJ0195 - SERIES



## PROJECT #4 SCHELL CREEK AREA

### SUMMARY

I spent 3 days prospecting the shell creek area I found the old trench crossing the iron formation I took silts and soil sample around the iron formation I found some indication of gold and arsenic in soil sample and anomalous gold in silts I also found a quartz vein carrying interesting value in Cu Bi W Mo and Au

### LOCATION

The shell creek area is located 45 miles north west of Dawson City The prospect area is situated at the head waters of Shell Creek The creek drain into the Yukon River 55 miles downstream from Dawson City

### ACCESS

Access is via helicopter from Dawson City

### WORK PERFORMED

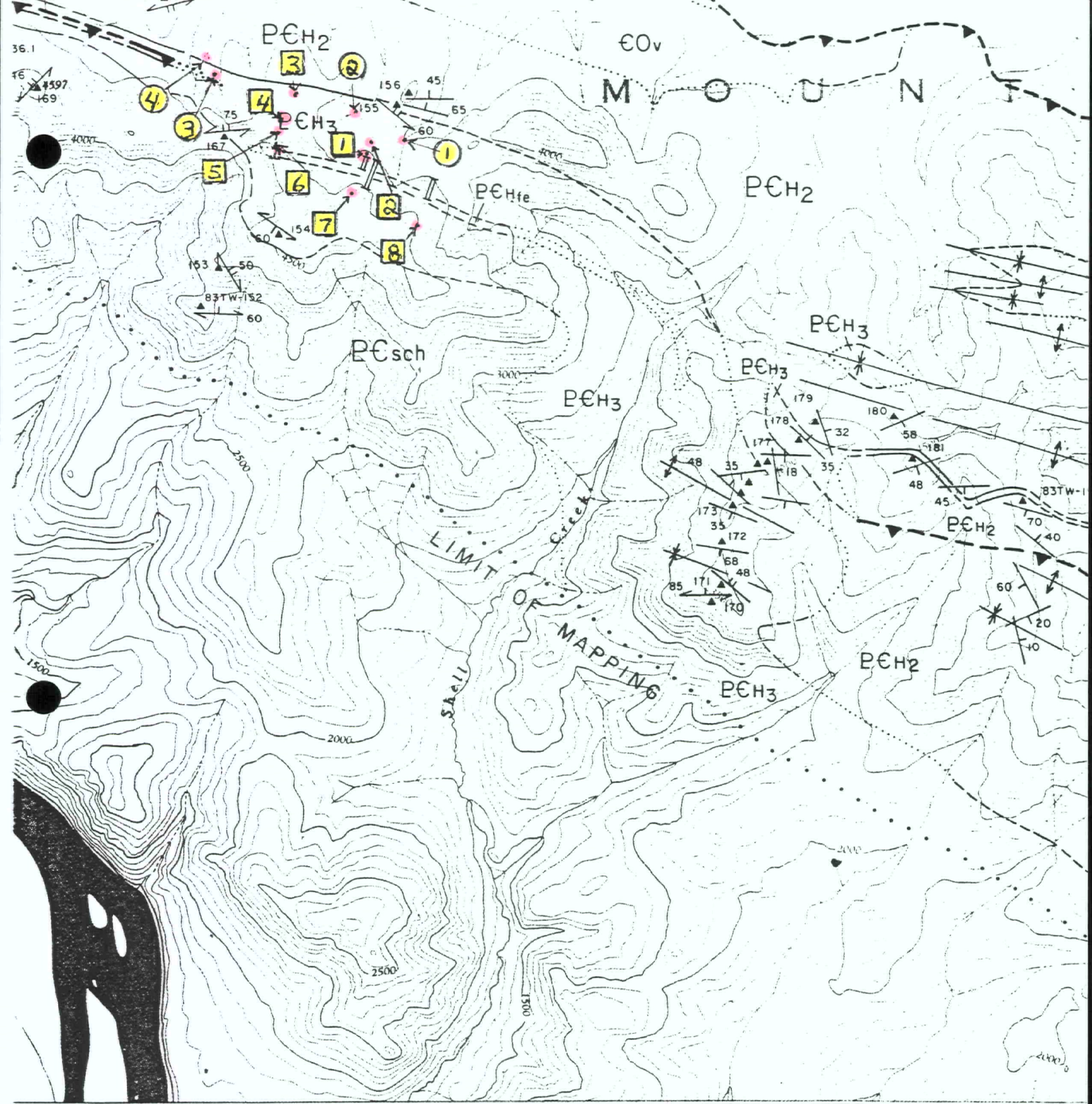
I prospected the head waters of Shell Creek area for three days I flew into the area from the Forty Mile bridge I was looking for old trenches on a iron formation I found old trench and soil sample around then I also silt sample creeks draining the iron formation I found a large quartz vein running parallel to the iron formation for 3 kilometers The quartz vein is carrying copper

### EVALUATION

The prospecting revealed only the large quartz vein(5 feet +) sitting above the iron formation There was no other obvious showing seen at surface but the geochem assay work revealed anomalous copper iron zinc arsenic and gold in soil work What interesting is that the copper value are also showing up in soils up hill from the iron formation and the quartz vein There may be more copper in the area The silt work all done down stream from the iron formation showed anomalous value in Mo Cu Zn Ni Co Mn, Fe Bi and Au

### RECOMMENDATION

I would recommended more soil and silt work be done around the Iron formation I would also look around the large quartz vein to see where it goes and what it's relation to the iron formation is



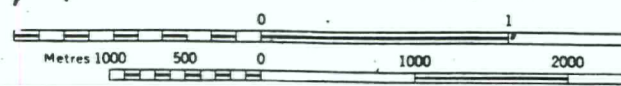
B/13	B/14		
B/12	B/11	B/10	B/9
B/5	B/6	B/7	B/8

- ⊕ silt sample
- ⊞ soil sample

↑ NORTH  
**SHELL CREEK**  
 YUKON TERRITORY

LOCATION NUMBER  
 NTS # 116 C/9

SCALE 1:50,000 ÉCHEL





GEOCHEMICAL ANALYSIS CERTIFICATE

Canadian United Minerals Inc. File # A102044

P.O. Box 1260, Dawson City YT Y0B 1G0 Submitted by: Shawn Ryan

SILT Samples



SAMPLE#	No	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Au*
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppb	
1 - FE01BSS01	.8	128	10	93	.1	36	15	830	3.39	5	<1	<2	4	32	.3	1.1	.5	54	.54	.098	18	33	.81	92	.067	1	1.41	.016	.07	<1	<1	5.2	<1	.02	5	7.3
2 - FE01BSS02	1.2	142	18	95	.1	46	18	1038	6.00	9	<1	<2	4	37	.6	<.5	1.2	38	.58	.100	25	30	.72	56	.022	<1	1.28	.007	.06	1	<1	4.5	<1	.07	6	16.9
3 - FE01BSS03	.6	152	13	128	.2	158	106	7222	15.99	14	<1	<2	5	26	6.5	<.5	.5	34	.48	.063	36	25	.71	51	.025	14	1.29	.006	.04	<1	1	4.3	<1	.11	9	23.5
4 - FE01BSS04	.8	180	10	96	.1	54	20	1303	4.38	6	<1	<2	2	34	.5	<.5	1.1	51	.91	.108	18	60	1.14	81	.032	1	1.66	.008	.07	<1	<1	4.5	<1	.06	6	12.4
36 LJO1SRSS01	.8	18	5	59	<.1	12	7	274	2.37	<1	1	<2	3	19	<.2	<.5	<.5	51	.44	.053	18	16	.55	98	.072	<1	1.18	.016	.10	<1	<1	5.2	<1	.03	5	2.0
37 LJO1SRSS02	.5	17	2	48	<.1	11	7	356	2.21	1	<1	<2	2	30	<.2	<.5	<.5	50	.68	.056	12	19	.53	88	.060	<1	1.19	.020	.06	<1	<1	4.8	<1	.02	4	1.6
38 LJO1SRSS03	.2	19	4	46	<.1	11	9	234	1.96	1	<1	<2	2	39	<.2	<.5	<.5	50	.69	.089	11	19	.50	120	.068	<1	1.19	.029	.06	<1	<1	4.7	<1	.02	5	10.0
39 LJO1SRSS04	2.5	91	77	162	.6	46	19	663	3.22	<1	9	<2	14	49	.6	<.5	1.2	55	.88	.087	100	35	.84	171	.127	<1	1.80	.018	.50	<1	<1	5.0	<1	.06	8	3.4
40 LJO1SRSS05	.6	17	5	60	<.1	14	15	678	2.90	<1	1	<2	5	36	.2	<.5	.5	76	.63	.085	25	26	.73	171	.128	<1	1.78	.030	.21	1	<1	5.3	<1	.02	8	2.5
41 LJO1SRSS06	2.5	89	10	88	.3	17	8	248	2.77	<1	1	<2	4	31	<.2	<.5	.6	77	.46	.084	20	26	.76	178	.089	<1	1.60	.030	.12	<1	<1	6.1	<1	.08	8	8.6
42 LJO1SRSS07	.5	46	6	76	<.1	16	9	234	2.56	<1	1	<2	4	42	<.2	<.5	.9	55	.70	.076	17	22	.64	137	.084	<1	1.50	.026	.15	<1	<1	5.3	<1	.04	6	3.0
43 LJO1SRSS08	.4	25	5	62	<.1	22	12	492	2.33	1	<1	<2	3	46	<.2	<.5	<.5	61	.85	.085	11	27	.67	127	.084	<1	1.43	.031	.07	<1	<1	4.8	<1	.04	5	1.8
44 LJO1SRSS09	.6	16	5	66	<.1	11	8	516	2.19	2	<1	<2	2	35	.2	<.5	<.5	56	.59	.065	13	19	.49	106	.076	<1	1.25	.022	.08	<1	<1	4.4	<1	.02	5	2.1
45 LJO1SRSS10	.5	17	5	58	<.1	13	8	375	2.04	<1	<1	<2	3	38	<.2	<.5	<.5	56	.67	.072	13	21	.50	108	.070	<1	1.21	.024	.06	<1	<1	4.3	<1	.02	5	2.1
46 LJO1SRSS11	.4	16	6	55	<.1	14	9	418	2.06	2	1	<2	3	35	<.2	.6	<.5	53	.58	.062	15	21	.50	121	.073	1	1.20	.024	.06	<1	<1	4.0	<1	.02	4	2.4
47 LJO1SRSS12	.6	21	5	46	<.1	16	8	303	2.11	<1	<1	<2	2	25	<.2	.6	<.5	48	.45	.045	13	20	.43	112	.075	<1	1.34	.018	.06	<1	<1	4.8	<1	.02	5	4.9
RE LJO1SRSS11	.4	16	6	54	<.1	15	9	413	2.04	1	1	<2	4	35	<.2	<.5	.5	52	.58	.069	15	23	.50	133	.074	<1	1.19	.023	.06	<1	<1	4.0	<1	.02	5	5.0
48 LJO1FSS01	.5	12	6	59	<.1	15	7	311	2.01	1	1	<2	2	25	.2	.5	<.5	42	.46	.049	20	18	.43	113	.077	<1	1.13	.019	.11	<1	<1	4.6	<1	.04	6	1.9
49 LJO1FSS02	.5	12	5	38	<.1	11	5	153	1.55	<1	1	<2	2	16	<.2	<.5	<.5	42	.29	.041	12	19	.38	58	.067	<1	1.00	.015	.05	<1	<1	3.0	<1	.02	5	5.1
50 LJO1FSS03	.3	10	7	38	<.1	10	4	135	1.31	1	1	<2	2	20	<.2	<.5	<.5	38	.31	.044	12	21	.37	67	.073	<1	.99	.016	.04	<1	<1	3.0	<1	.02	4	4.6
51 LJO1FSS04	1.8	25	10	148	.2	27	34	1760	2.39	2	2	<2	4	41	1.7	<.5	<.5	60	.73	.076	31	24	.56	240	.084	<1	1.40	.022	.18	<1	<1	4.7	<1	.05	5	4.8
52 LJO1FSS05	.9	38	43	195	.1	23	10	555	2.56	<1	2	<2	9	37	.6	<.5	.8	47	.71	.078	43	29	.59	204	.100	<1	1.38	.020	.23	1	<1	4.3	1	.05	5	4.8
53 LJO1FSS06	.6	13	5	47	.1	10	8	502	2.33	2	1	<2	5	29	<.2	<.5	.5	48	.51	.084	23	18	.54	107	.080	<1	1.21	.016	.22	<1	<1	3.7	<1	.02	5	2.2
54 LJO1FSS07	.5	12	11	57	<.1	11	8	546	2.02	2	1	<2	5	30	.2	<.5	<.5	47	.51	.060	24	20	.51	131	.087	<1	1.21	.019	.16	<1	<1	3.7	<1	.02	4	6.3
55 LJO1FSS08	.6	13	5	43	<.1	10	7	280	1.71	<1	1	<2	5	30	<.2	<.5	<.5	45	.51	.059	18	18	.51	81	.085	<1	1.19	.019	.15	<1	<1	3.7	<1	.02	4	3.3
56 LJO1FSS09	.7	18	5	44	<.1	9	8	391	1.80	1	1	<2	4	24	<.2	<.5	<.5	48	.38	.041	16	19	.53	113	.082	<1	1.24	.013	.16	<1	<1	3.5	<1	.02	5	1.1
57 LJO1FSS10	.5	11	6	43	<.1	10	7	291	1.51	<1	1	<2	5	27	<.2	<.5	<.5	42	.47	.065	18	18	.47	82	.080	<1	1.03	.017	.14	<1	<1	3.3	<1	.02	4	20.3
58 LJO1FSS11	.3	14	6	49	<.1	11	8	350	1.84	1	1	<2	5	28	<.2	<.5	<.5	47	.45	.056	19	20	.51	118	.080	<1	1.31	.015	.14	<1	<1	4.0	<1	.02	5	3.7
59 LJO1FSS12	.6	14	19	65	<.1	14	9	365	2.00	3	1	<2	5	29	<.2	<.5	.5	47	.48	.068	25	23	.47	107	.091	<1	1.14	.019	.13	<1	<1	3.6	<1	.02	5	11.9
STANDARD DS3	9.0	131	35	167	.2	35	12	778	3.13	29	7	<2	4	28	5.7	4.9	5.3	81	.53	.081	19	183	.57	97	.088	1	1.61	.035	.16	3	<1	4.2	<1	.02	7	19.9

GROUP 1DX - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY OPTIMA ICP-ES.  
UPPER LIMITS - AG, AU, HG, W = 100 PPM; MO, CO, CD, SB, BI, TH, U & B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.  
- SAMPLE TYPE: SILT S230 60C AU\* BY ACID LEACHED, ANALYZE BY ICP-MS. (30 gm)  
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUL 6 2001

DATE REPORT MAILED:

July 19/01

SIGNED BY: *C. Leong* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

REVISED COPY

message for gold

FE - S S SERIES

SHE 11 CREEK AREA

NTS 116 C/9



GEOCHEMICAL ANALYSIS CERTIFICATE



Canadian United Minerals Inc. File # A102048  
P.O. Box 1260, Dawson City YT Y0B 1G0 Submitted by: Shawn Ryan

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Au*
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppb
FE01R01	2.9	1619	12	15	.6	13	3	1274	.81	1	<1	<2	<1	63	.4	<.5	1.6	9	6.31	.029	26	25	.26	9	.010	<1	.32	.007	<.01	3	<1	2.0	<1	<.02	1	32.4
RE FE01R01	2.4	1613	11	14	.6	12	3	1278	.81	<1	<1	<2	<1	63	.3	<.5	1.3	9	6.35	.029	26	26	.26	10	.010	<1	.32	.006	<.01	3	<1	2.1	<1	<.02	1	34.7
STANDARD C3/DS3	26.4	65	33	162	5.6	34	12	746	3.19	57	23	2	22	27	23.1	14.2	21.8	83	.56	.086	20	181	.57	149	.089	16	1.83	.028	.16	16	1	4.3	<1	.02	7	22.0
STANDARD G-2	1.7	3	2	40	<.1	7	4	530	1.97	<1	2	<2	5	70	<.2	<.5	<.5	42	.67	.099	10	86	.59	224	.137	1	.99	.070	.47	3	<1	2.6	<1	<.02	5	-

GROUP 1DX - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY OPTIMA ICP-ES.  
UPPER LIMITS - AG, AU, HG, W = 100 PPM; MO, CO, CD, SB, BI, TH, U & B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.  
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB  
- SAMPLE TYPE: ROCK R150 60C AU\* BY ACID LEACHED, ANALYZE BY ICP-MS. (30 gm)  
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUL 6 2001 DATE REPORT MAILED: *July 19/01* SIGNED BY: *C. Leong* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

REVISED COPY message for gred.

SHELL CREEK ROCK SAMPLE

REFER TO NTS # 116 C/9

For LOCATION

FE01R01 - Rock sample, float, Quartz Boulder, with copper staining.



Canadian United Minerals Inc. File # A102046  
P.O. Box 1260, Dawson City YT Y0B 1G0 Submitted by: Shawn Ryan

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au*
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppb	
FE01BS01	5	101	24	59	.4	40	24	2121	5.46	8	<8	<2	4	34	<.2	<3	<3	59	.53	.155	27	46	1.00	217	.04	<3	1.31	.01	.05	<2	16
FE01BS02	5	109	24	100	<.3	84	25	1500	7.19	23	<8	<2	5	22	<.2	<3	<3	38	.61	.085	18	35	.86	97	.02	<3	1.35	.01	.05	<2	19
FE01BS03	2	46	112	102	<.3	36	12	499	4.40	6	<8	<2	52	14	<.2	<3	3	49	.07	.037	28	28	.50	103	.08	<3	1.64	.01	.07	<2	4
FE01BS04	6	142	38	74	<.3	45	9	624	12.26	128	<8	<2	10	11	<.2	3	<3	78	.09	.059	11	48	1.43	52	.01	<3	1.71	<.01	.03	<2	32
FE01BS05	4	691	22	118	<.3	106	28	876	13.37	12	<8	<2	13	52	2.2	<3	<3	45	1.08	.110	16	48	.91	14	.01	<3	5.04	.02	.04	<2	3
FE01BS06	5	115	17	67	.5	50	34	6393	7.46	5	<8	<2	2	44	.2	<3	<3	58	.68	.207	26	57	1.22	391	.06	<3	1.68	.01	.06	<2	17
FE01SRAS01	2	136	14	71	<.3	33	14	931	2.83	3	<8	<2	4	17	<.2	<3	<3	56	.29	.111	21	29	.67	110	.06	<3	1.38	.01	.04	<2	8
FE01SRAS05	2	103	9	64	.3	34	14	953	2.72	4	<8	<2	2	17	<.2	3	<3	53	.18	.061	12	29	.66	92	.08	<3	1.68	.02	.06	<2	5
RE FE01SRAS05	3	106	13	66	<.3	30	14	978	2.75	7	<8	<2	3	16	<.2	<3	<3	51	.17	.063	13	29	.67	93	.09	<3	1.70	.01	.06	<2	5
STANDARD DS3	10	120	33	153	.6	39	12	801	3.13	28	<8	<2	4	28	5.0	5	6	79	.53	.094	18	187	.60	144	.10	<3	1.74	.04	.17	4	22

SAMPLE LOCATION NUMBER

GROUP 10 - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-ES.  
UPPER LIMITS - AG, AU, HG, W = 100 PPM; MO, CO, CD, SB, BI, TH, U & B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.  
- SAMPLE TYPE: SOIL SS80 60C AU\* BY ACID LEACHED, ANALYZE BY ICP-MS. (30 gm)  
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUL 6 2001 DATE REPORT MAILED: July 16/01 SIGNED BY: C. Leong D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Soil SAMPLE FROM SHELL CREEK PROJECT

NTS # 116 C/9

## **PROJECT #5 HEM 1-88 CLAIMS**

### **SUMMARY**

I spent 8 days prospecting the Hem claim area. I found two new copper showing and also located more favorable hematite breccia that continues for at least 2 kilometers.

### **LOCATION**

The Hem claims are located 85 north of Dawson City along the Dempster Hwy. The claims are situated on NTS #116 C / 1. The latitude is 65°03 N and Longitude 138°05 W.

### **ACCESS**

Access is via all weather road called the Dempster Hwy which is located 40 kilometers east of Dawson City. The claim block starts around the 158 kilometer mark and continues along the Hwy for about 8 kilometers.

### **GEOLOGY**

The property geology is a Proterozoic rock unit called the Quartet Group. In this Quartet group there is a hematite breccia rock unit coming up close to a regional magnetic anomaly. The model deposit I'm looking for is Olympic Dam type ( IOCG).

### **WORK PERFORMED**

I started by spending two days prospecting and staking the Hem 1-22 claims east of the Dempster Hwy. I found two new copper showing and decide to return with more supplies. I returned with more help and we continued staking more claims following a magnetic anomaly that potentially related to the copper showing. I prospected east and south of the claim block to see if there was any more breccia zone. I did not find more zone south of the property and I only found one small showing of breccia east of the claim block. Most of the breccia is center in the creek drainage on the first 1-22 claims staked.

### **EVALUATION**

The Hem claims where prospected with some sampling of various rock units along traverse. The rock unit reveal anomalous value in Cu, Ag, As, Sb, Bi, W and Ba. Most of the breccia system seem to be found around the large regional magnetic anomaly.

### **RECOMMENDATION**

The Olympic Dam model exploration strategy is to start with a ground magnetic survey followed by a regional gravity survey. Any gravity high anomalies found within a two kilometer of the regional magnetic anomaly is consider a high priority for a drill target. This is the type of program I would recommended for the Hem Claim Area.

### **ROCK DESCRIPTION**

- HEM01R01** Rusty, green, hematite breccia with pyrite
- HEM01R02** Float, dark green, hematite breccia, chalcopyrite.
- HEM01R04** Outcrop, massive hematite vein, 3-4 inch wide.
- HEM01R05** Float, green, gray breccia with chalcopyrite.
- HEM01R03** Float, massive hematite found in creek.
- HMR01822R03** Float, massive pyrite in green dike.
- HMR01822R04** Subcrop, green mafic dike, magnetic.
- HMR0182307** Subcrop, rusty, mafic green dike, sulphides.
- HMR0182308** Subcrop, silicious, maroon, quartzite, Cu.
- HMR0182309** Outcrop, dark green, dike sulphides.
- HMR0182410** Outcrop, hematite breccia vein with copper.

### **LUCKY JOE ROCKS**

- LJ019R02** Outcrop rusty, pyrite, fine grain with garnets.  
UTM 07 571960 E, 7046664 N
- LJ019R03** Subcrop, biotite siliceous schist, rusty, pyrite  
UTM 07 572401 E, 7046800 N.
- LJ019R04** Float, biotite quartz schist with lots of pyrite.  
UTM 07 572011 E, 7047802 N.
- LJ019R05** Float, rusty, schisty.  
UTM 07 572061 E, 7047810 N.





INTERNATIONAL PLASMA LABORATORY LTD

# CERTIFICATE ANALYSIS

## iPL 01J1209



Vancouver, B.C.  
Canada V5Y 3E1  
Phone (604) 879-7878  
Fax (604) 879-7898  
Email ipl@direct.ca

Client : Northern Analytical Laboratories  
Project: HD#0245

22 Samples  
22=Pulp

[120916-18:32:10103101]

Out: Oct 31, 2001  
In: Oct 25, 2001

Page 1 of 1  
Section 1 of 1

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 %
ALPBL9500R	3.1	30	168	203	59	<	<	2	<	<	<	5	23	136	<	38	6	547	10	5	4	1	<	0.85	0.05	2.11	0.45	0.12	0.01	0.02
ALPBL9660R	1.9	294	21	46	673	<	<	3	<	4	<	46	148	5	5	87	7	130	2	1	2	<	<	0.43	0.02	5.15	0.30	0.02	0.02	0.01
ALPBL9670R	0.2	41	12	111	113	<	<	4	<	<	<	13	32	20	<	47	10	475	10	4	1	1	<	1.62	0.07	3.89	0.98	0.08	0.02	0.03
CA017R01	2.5	164	427	2753	475	7	<	2	<	<	51.0	4	8	116	<	99	7	413	6	30	2	2	<	0.15	0.73	0.69	0.24	0.14	0.01	0.05
HEM01R01	0.4	11	17	27	<	<	<	9	<	<	<	277	40	5	8	74	113	284	<	1	13	8	0.01	2.27	0.07	7.75	2.18	0.05	0.01	0.03
HEM01R02	<	541	16	57	<	<	<	9	<	<	<	70	38	293	<	40	130	1324	2	5	3	12	0.01	3.93	0.13	7.20	3.94	0.04	0.01	0.05
HEM01R04	0.7	1070	2	23	<	<	<	6	<	<	<	14	23	891	12	50	64	432	<	16	1	7	0.01	1.29	0.02	7.01	1.46	0.02	0.01	<
HEM01R05	0.1	1407	11	34	<	<	<	6	<	<	<	45	45	442	<	75	137	717	4	5	3	15	0.02	2.65	0.98	4.57	3.73	0.03	0.02	0.04
HEM01R01	<	25	6	46	<	<	<	2	<	<	<	9	4	98	6	31	37	297	22	35	7	4	0.08	0.47	0.51	2.07	0.47	0.14	0.06	0.14
HMR01822R03	0.1	228	4	40	<	<	<	8	<	<	<	145	55	9	<	105	135	251	<	5	5	8	0.01	2.00	0.06	11x	0.71	0.03	0.03	0.03
HMR01822R04	0.1	133	32	133	<	<	<	7	<	<	<	40	40	55	<	64	200	2000	4	54	6	12	0.26	2.58	2.75	6.69	2.19	0.07	0.03	0.09
HMR0182307	<	38	25	78	<	<	<	8	<	<	<	41	53	5	8	158	180	911	<	2	2	11	0.01	3.35	0.02	7.51	4.27	0.05	0.02	0.01
HMR0182308	1.8	3431	8	30	909	5	<	5	<	<	<	5	2	55	<	32	11	5363	<	28	4	2	0.01	0.12	9.09	1.68	5.21	0.04	0.02	0.06
HMR0182309	0.1	36	16	79	<	<	<	5	<	<	<	38	100	23	<	166	152	564	2	4	3	13	<	2.84	0.09	5.27	3.31	0.21	0.02	0.02
HMR0182410	4.9	3961	6	23	<	<	<	6	<	7	<	21	26	377	5	35	13	141	6	28	11	1	<	1.19	0.17	1.73	1.38	0.18	0.01	0.06
LJ019R02	0.2	93	4	229	<	<	<	4	<	6	<	15	6	45	<	67	78	414	3	29	1	5	0.05	0.85	0.72	3.27	0.64	0.07	0.10	0.13
LJ019R03	<	30	<	82	<	<	<	1	<	<	<	5	7	160	<	63	15	163	5	11	1	<	0.04	0.69	0.11	0.98	0.47	0.30	0.05	0.02
LJ019R04	0.2	34	6	71	<	<	<	5	<	<	<	18	4	10	<	70	42	464	<	11	1	8	0.07	1.26	1.29	3.94	0.81	0.03	0.13	0.26
LJ019R05	0.2	24	14	111	<	<	<	7	<	<	<	5	1	105	<	54	78	536	6	55	1	8	0.12	1.79	0.36	3.98	1.49	0.15	0.10	0.06
LJ019S64	0.1	30	16	73	<	<	<	4	<	<	<	31	14	155	7	51	63	419	10	87	1	3	0.09	2.20	1.11	2.66	0.73	0.30	0.02	0.09
LJ019S65	0.2	16	12	64	<	<	<	5	<	<	<	23	10	283	6	11	73	393	10	36	2	12	0.16	2.65	0.81	4.20	1.58	0.19	0.02	0.12
LJ019S66	0.1	24	15	61	<	<	<	4	<	<	<	16	15	145	<	29	62	450	5	41	3	3	0.10	2.09	0.46	2.84	0.93	0.13	0.02	0.05

HEM SERIES Rock Samples

REFER TO HEM CLAIM ROCK SAMPLES LOCATION  
MAP FOR EXACT LOCATION

NTS # 1166/1

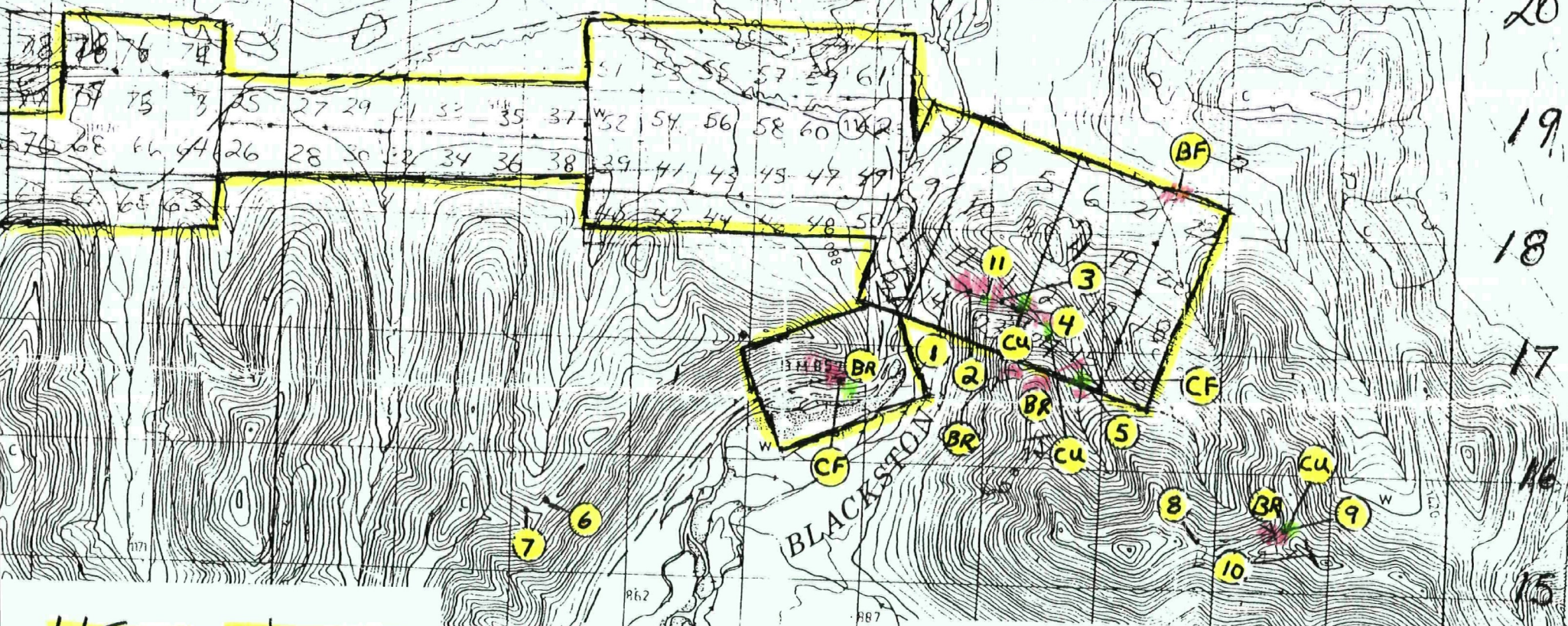
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Max Reported*	99.9	20000	20000	20000	9999	999	9999	999	999	9999	99.9	9999	9999	9999	999	9999	9999	9999	9999	9999	9999	9999	1.00	9.99	9.99	9.99	9.99	9.99	5.00	5.00	
Method	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

\*No Test Ins=Insufficient Sample Del=Delay Max=No Estimate Rec=ReCheck m=x1000 %=Estimate% NS=No Sample P=Pulp



OUNTAINS

RIVER



HEM claims

Rock Sample

Location

MAP

1-50,000

NORTH  
↑  
↓

NTS 116 G/1

CU - Chalcopyrite  
IN OUTCROP

BR - Hematite  
BRECCIA

CF - Chalcopyrite  
IN FLOAT

BF - Hematite  
BRECCIA FLOAT

32 33 34 35 36 37 38 39 40

20

19

18

17

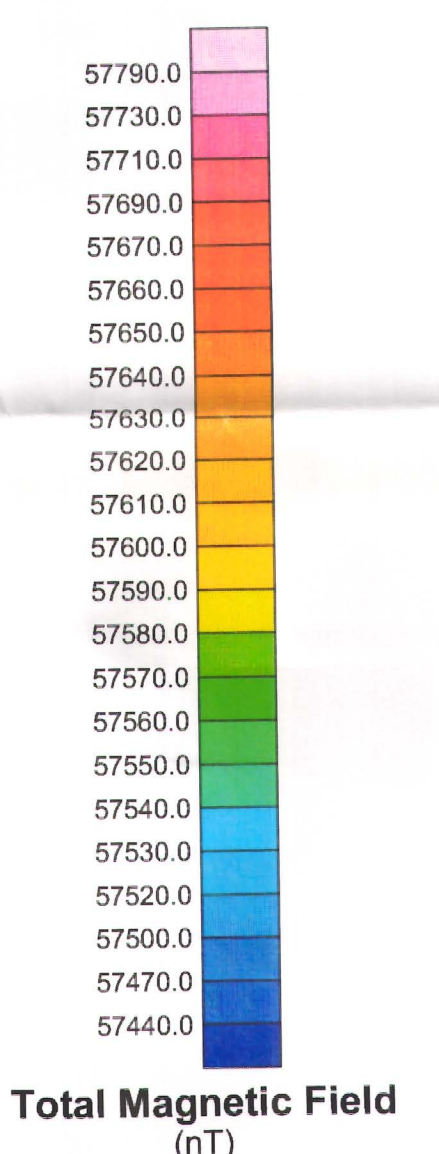
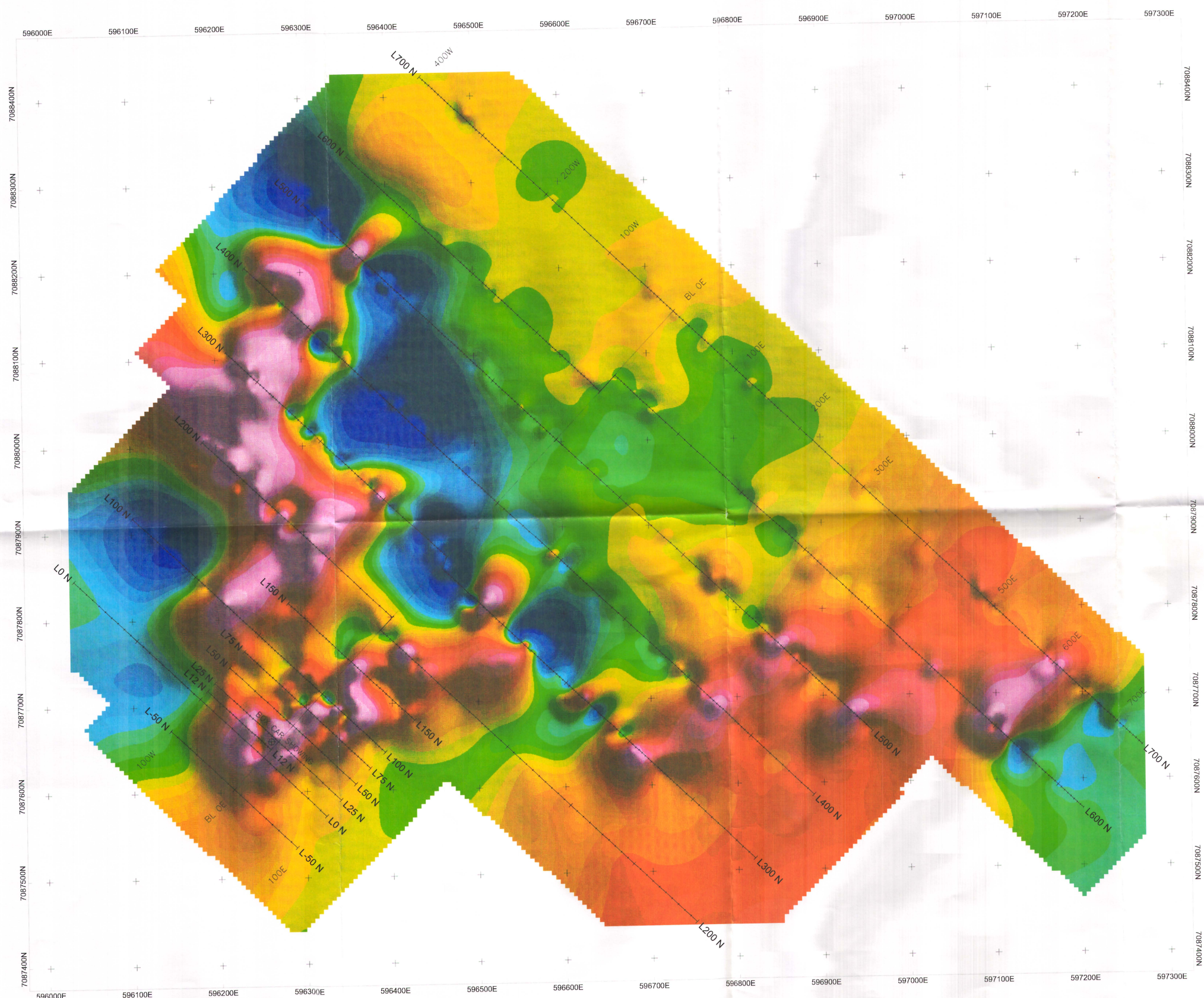
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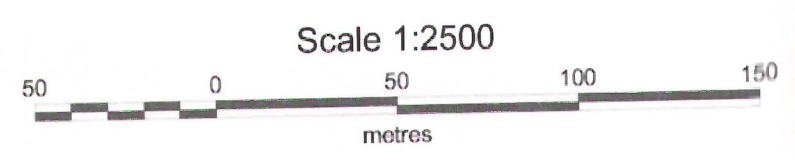
14

13



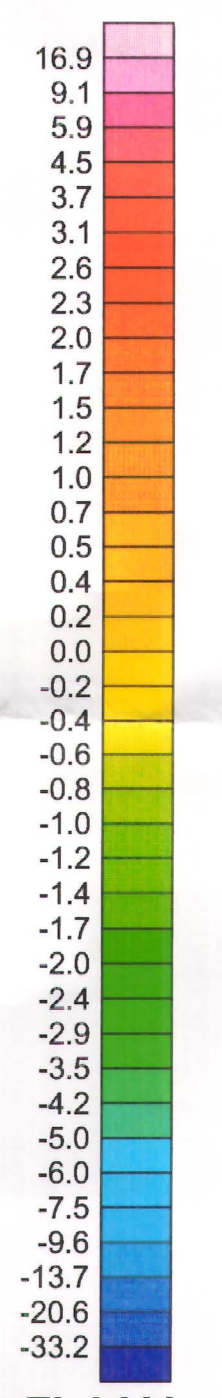
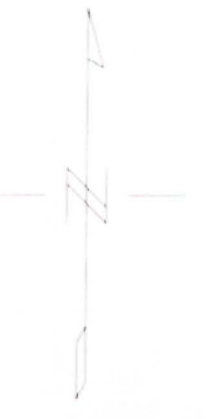
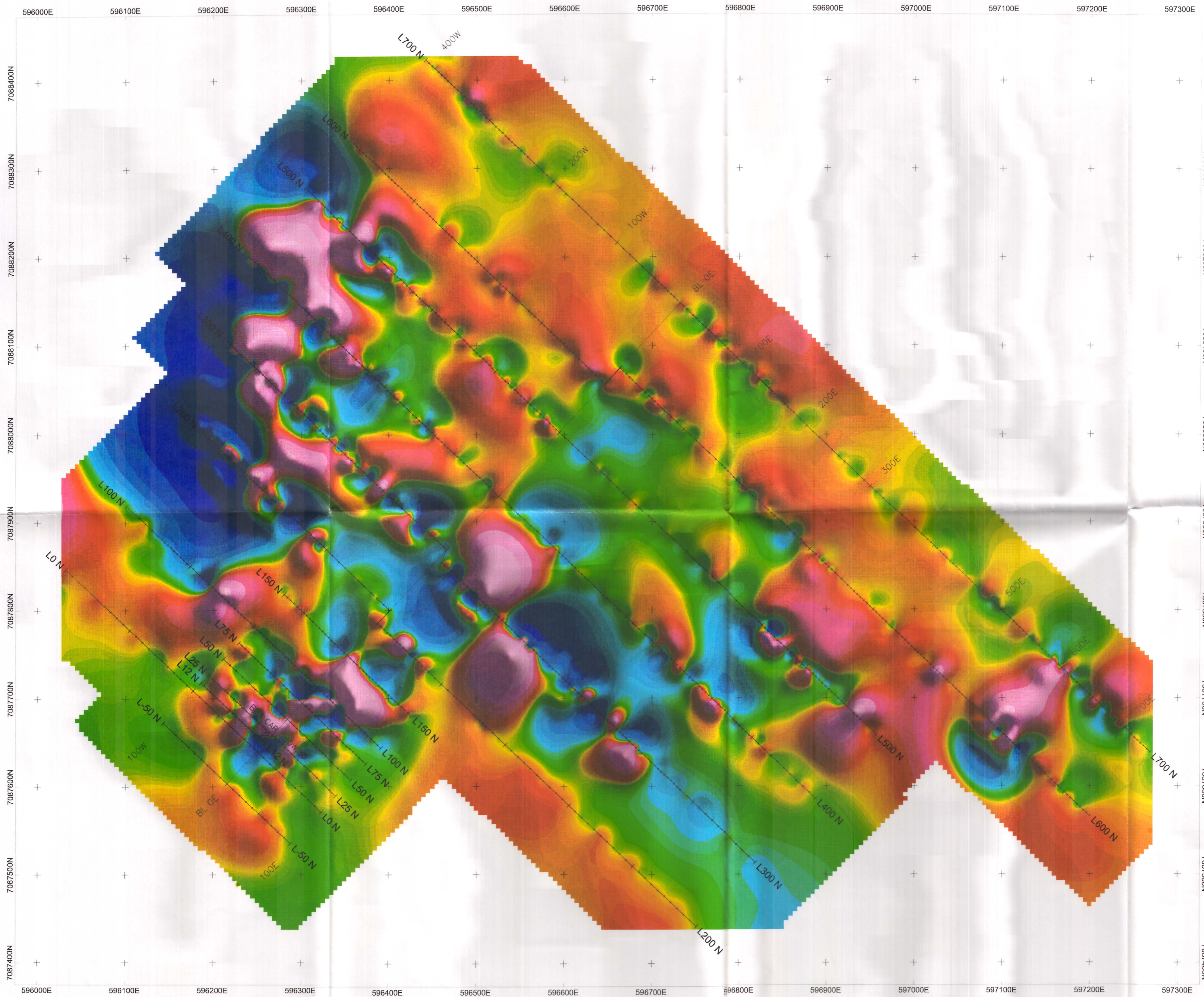


TOTAL MAGNETIC FIELD SURVEY  
 INSTRUMENT: Scintrex Envi mag / gradiometer  
 OPERATOR: Shawn Ryan  
 GRIDDING: Minimum curvature  
 GRID CELL SIZE: 5 m  
 TREND ENHANCEMENT: None  
 FILTERS: None  
 CONTOUR INTERVAL: 10 nT



<b>SHAWN RYAN</b>	
<b>BOX CAR PROPERTY</b> Total Magnetic Field Figure 1.	
NTS: 115 O/14 Mining District: Dawson, YT	Datum: NAD27 Date: 13 Nov 01
<b>AURORA GEOSCIENCES LTD.</b>	





**Total Magnetic Field Vertical Gradient**  
(nT/m)

TOTAL MAGNETIC FIELD SURVEY  
VERTICAL GRADIENT

INSTRUMENT: Scintrex Envi mag / gradiometer

OPERATOR: Shawn Ryan

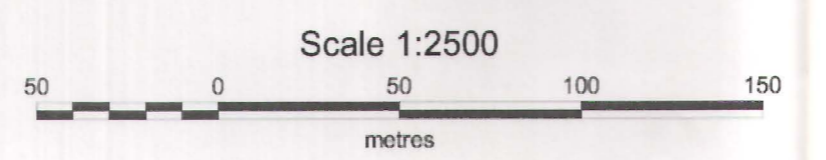
GRIDDING: Minimum curvature

GRID CELL SIZE: 5 m

TREND ENHANCEMENT: None

FILTERS: None

CONTOUR INTERVAL: 1 nT/m



<b>SHAWN RYAN</b>	
<b>BOX CAR PROPERTY</b>	
<b>Total Magnetic Field - Vertical Gradient</b>	
<b>Figure 2.</b>	
NTS: 115 O/14	Datum: NAD27
Mining District: Dawson, YT	Date: 13 Nov 01
<b>AURORA GEOSCIENCES LTD.</b>	