GEOPHYSICAL AND GEOCHEMISTRY

REPORT

PRUNE 1-12 CLAIMS

GRANT

YC19918-YC19929

DAWSON MINING DISTRICT

094280

NTS# 116 B \ 7

LAT: 64' 29 N

LONG: 138' 47 W

AUTHOR OF REPORT : SHAWN RYAN

WORK PERFORMED AUGUST 01-03.2000

DATE OF REPORT SEPTEMBER, 2001

This report has been examined by the Geological Evaluation Unit under Section 53 (4) Yukon Quartz Mining Act and is allowed as representation work in the amount of $ 2900.

for Regional Manager, Exploration and Geological Services for Commissioner of Yukon Territory.

TABLE OF CONTENT

SUMMARY

The Prune 5, 7-10 claims, grant # yc19922, yc19924-19927 will be renewed for 3 years and Prune 1-4, 6, 11-12 claims, grant # yc19918-yc19921, yc19923, yc19928-yc19929 will be renewed for two years. All claims are registered to Canadian United Minerals Inc. The magnetic survey has located a nice anomaly with soil geochem values in Cu and Bi located over top of the anomaly. The magnetic anomaly is most likely a phyrrotite body at depth. This initial work is very encouraging with a potential to find a extension to the Marn deposits situated 600 meters to the west..

INTRODUCTION

The Prune 1-12 claims where staked to cover a high copper geochem anomaly taken by Archer Cathro in the early 70's. The claim block was place between the boundaries of the Marn claims and the extension of the proposed Tombstone Park boundaries.

LOCATION

The Prune claim block is located 35 miles north of Dawson City at the headwaters of Fireweed creek, a tributary of the Chandindu River.

ACCESS

Access can be attained via helicopter from Dawson City.

PROPERTY GEOLOGY

The property geology covers part of a Tombstone intrusion called the Brenner Stock with Jurassic schist and Road river chert situated on the northern part of the claims.

WORK PERFORMED/ METHODS

I research assessment records and found a old Archer Cathro assessment report that found a anomalous copper, gold and tungsten soil anomaly. I proceeded to put a tight space grid in the general area of the soil anomaly. I was also trying to cover the contact area between the Jurassic schist and the Brenner stock. My theory is that there is probably a buried piece of Permian Tahkandit limestone located beneath the Jurassic schist somewhere around the contact of the Brenner Stock.

GRID WORK

I work with Andrew Robinson putting in a grid covering a area 200 meters by 300 meters. We put lines every 50 meters with station every 25 meters. All stations where flagged using orange flagging with station number locations marked on them with black permanent marker. The grid started from line 0 and station 000. Base line azimuth is 295 degrees with line direction at 205 degrees. The magnetic declination was set at 30 degrees east.

MAGNETIC SURVEY

The magnetic survey was started by running a base line survey. The base line survey is use for tie in purpose and for magnetic correction. The base line survey is done by running the base line and returning to the start position which was line 0 and station 000 to tie in. This method works well as long as the tie in are done within a reasonable time usually less than 30 minutes. The Prune base line was done in about in less than 15 minutes with a six gamma drift.

Once the base line was surveyed I proceeded to run the lines. All lines where tie into the base line. I took reading on the line every 25 meter with reading 12.5 meters in any anomalous zones.

GEOCHEMISTRY SURVEY

The magnetic survey located a magnetic high that seem to be related to a potential phyrrotite body at depth. I decide to take soil over and down slope of the magnetic high to see if any evidence would be found of the potential phyrrotite body.

All soil where taken from the B horizon with one silt sample coming from a small creek draining the southern claim area. The silt was fine mud from the creek bottom.

INTERPRETATION

MAGNETIC SURVEY

The magnetic survey was run hoping to locate magnetic high areas. A magnetic high is produce with two types of minerals, one is magnetite and the second is phyrrotite. The Marn ore body located 600 meter west is a massive phyrrotite body. The magnetic survey located three magnetic high areas. Anomaly A located on line 50 W and line 100 W, at station 000 and station 25 south. Anomaly A is about 250 gammas above background. Anomaly B is located on line 0 and cross over to line 50 W, at station 200 south and 125-200 south respectively. Anomaly B is 250-536 gammas above background. Anomaly C is located on line 250 and 300 west. The anomaly is center around 100 south. This Anomaly has a nice signature with value running from 55468 to 62933 gammas. This anomaly is most likely a phyrrotite body found at depth.

SOILS

The soil sample taken over the magnetic high area prove to be anomalous in Bi, Cu, Fe, Mo, S, and Zn. Gold was only slightly anomalous but I feel is been subdued. The anomalous geochem over the magnetic high area prove the potential for a satellite ore body just like the Marn deposit sitting 600 meters away.

ROCKS

Rocks only showed slightly anomalous in arsenic and copper. Sample Mar R04 was a quartz vein found to be anomalous in Ag, As, and Cu. Rock sample over the magnetic high area only showed to be slightly anomalous in As and Cu. I don't feel the rocks sample have prove what is causing the soil anomaly and more sample should taken.

RECOMMENDATION

I would recommended gridding a larger area and continuing with the magnetic survey. Once anomalous high are located I would take soil sample over the areas. The final test would be to drill the targets found. At the moment Anomaly C would be a good target for drilling.

COST

Helicopter from Dawson	$ 700.00
Assays	$ 255.00
Prospector	
Shawn Ryan 3 Days @ 250.	$ 750.00
Helper	
Andrew Robinson 3 Days @ 200	$ 600.00
Food 6 man days @ 35.00	$ 210.00
Report	$ 500.00
Total	$3015.00

ROCK DESCRIPTION

MAR R01 Float
Quartz vein

MAR R02 Sub outcrop
Rusty, orange, pyrite in siliceous green, gray sediments
potential Jurassic Schist

MAR R03 Sub outcrop
Gray siliceous maybe dike, pyrite and phyrrotite

MAR R04 Sub outcrop
Quartz vein with Arsenopyrite and chalcopyrite

MAR R05 Outcrop
siliceous rusty Jurassic Schist

MAR R06 Float
Siliceous clay alter, phyrotite potential Jurassic Schist

MAR R07 Sub outcrop
Rusty, siliceous, shaly Jurassic Schist

QUALIFICATION

I have being involved in the exploration business for the last 19 years.

I have trained as a geophysical technician with Kidd Creek Exploration for eight years.

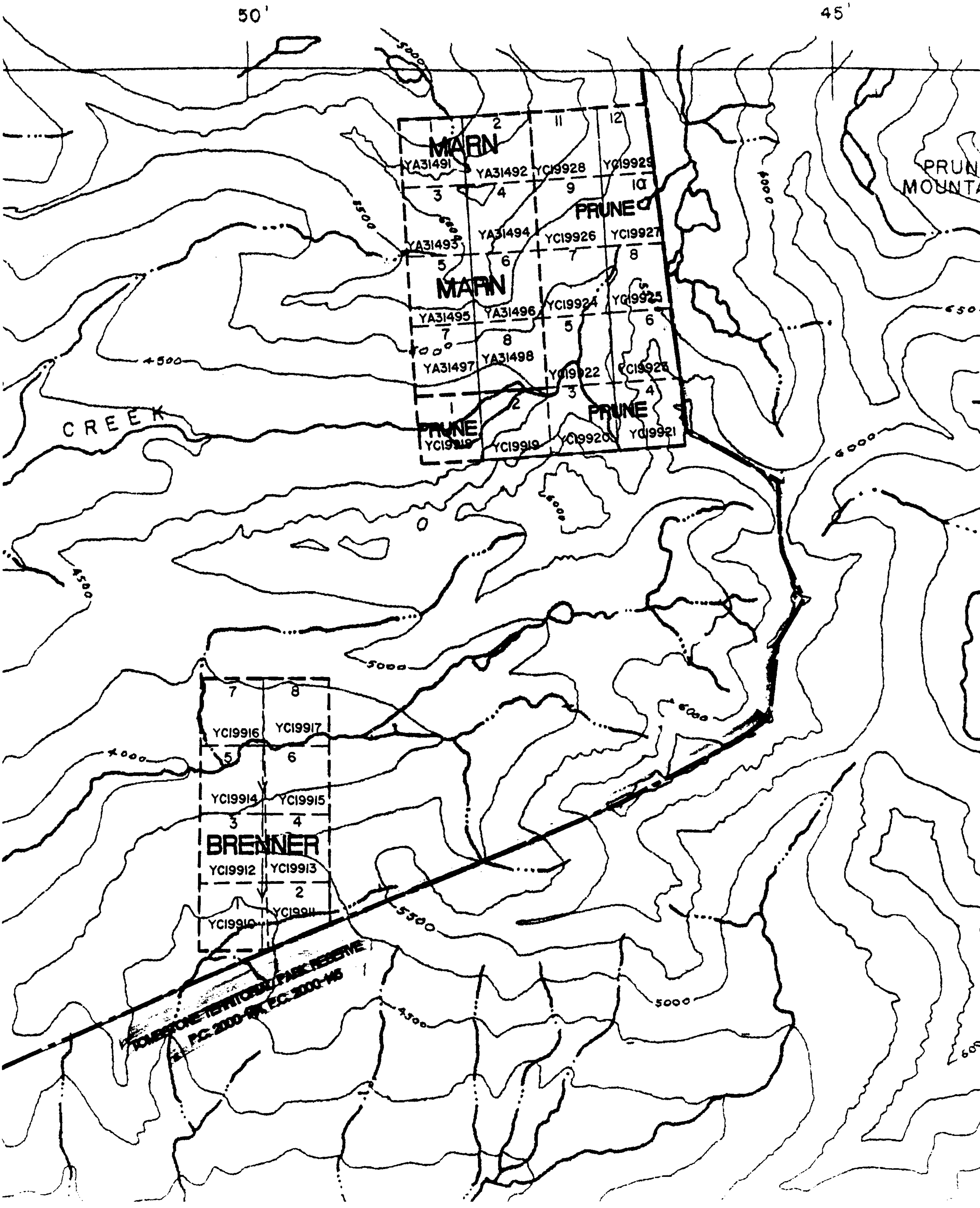
I have worked as a geophysical contractor for 11 years.

I have ran numerous geophysical surveys and soil sampling surveys in the Yukon and Ontario.

I have being actively prospecting in the Yukon for the last seven years.

I have being the prospector in charge of gathering the data and have overview the whole project.

I hold a minor percentage in the Prune Claims


50'
45'
MARN
PRUNE
MARN
PRUNE
BRENNER
PRUNE MOUNTA
CREEK
YA31491
YA31492
YC19928
YC19929
YA31493
YA31494
YC19926
YC19927
YA31495
YA31496
YC19924
YC19925
YA31497
YA31498
YC19922
YC19923
YC19918
YC19919
YC19920
YC19921
YC19916
YC19917
YC19914
YC19915
YC19912
YC19913
YC19910
YC19911
4500
5000
5300
6000
4000
TOMBSTONE TERRITORIAL PARK RESERVE
P.C. 2000-1G8, P.C. 2000-145

GRID LOCATION MAP

PRUNE 1-12 claims

FIGURE #1

NTS #116B/7

NORTH

GR - GRANODIORITE

JR - JURRASIC SHIST.

△ - ROCK SAMPLE

○ - SILT SAMPLE

300 m

TRAVERSE LOCATION

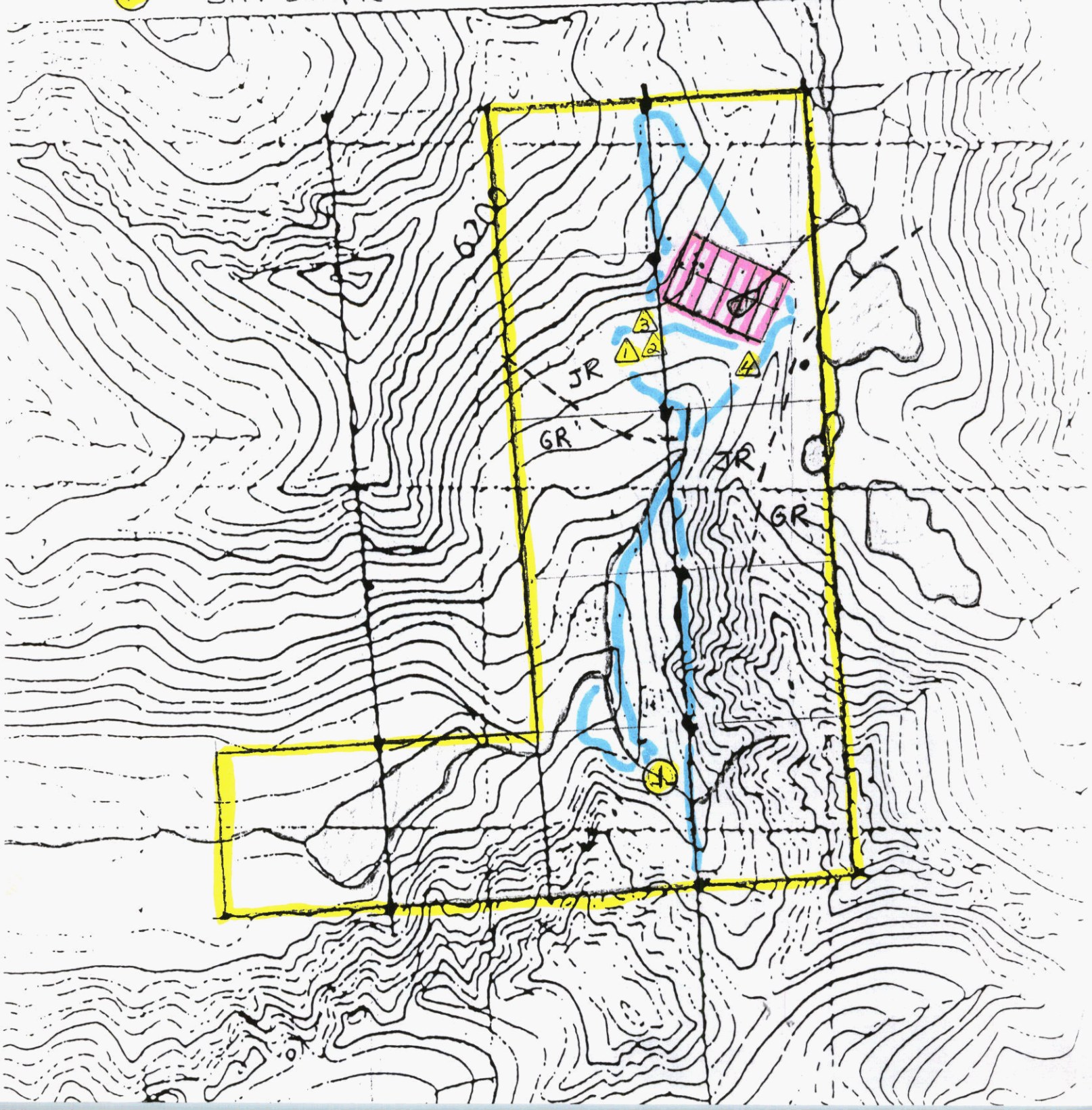
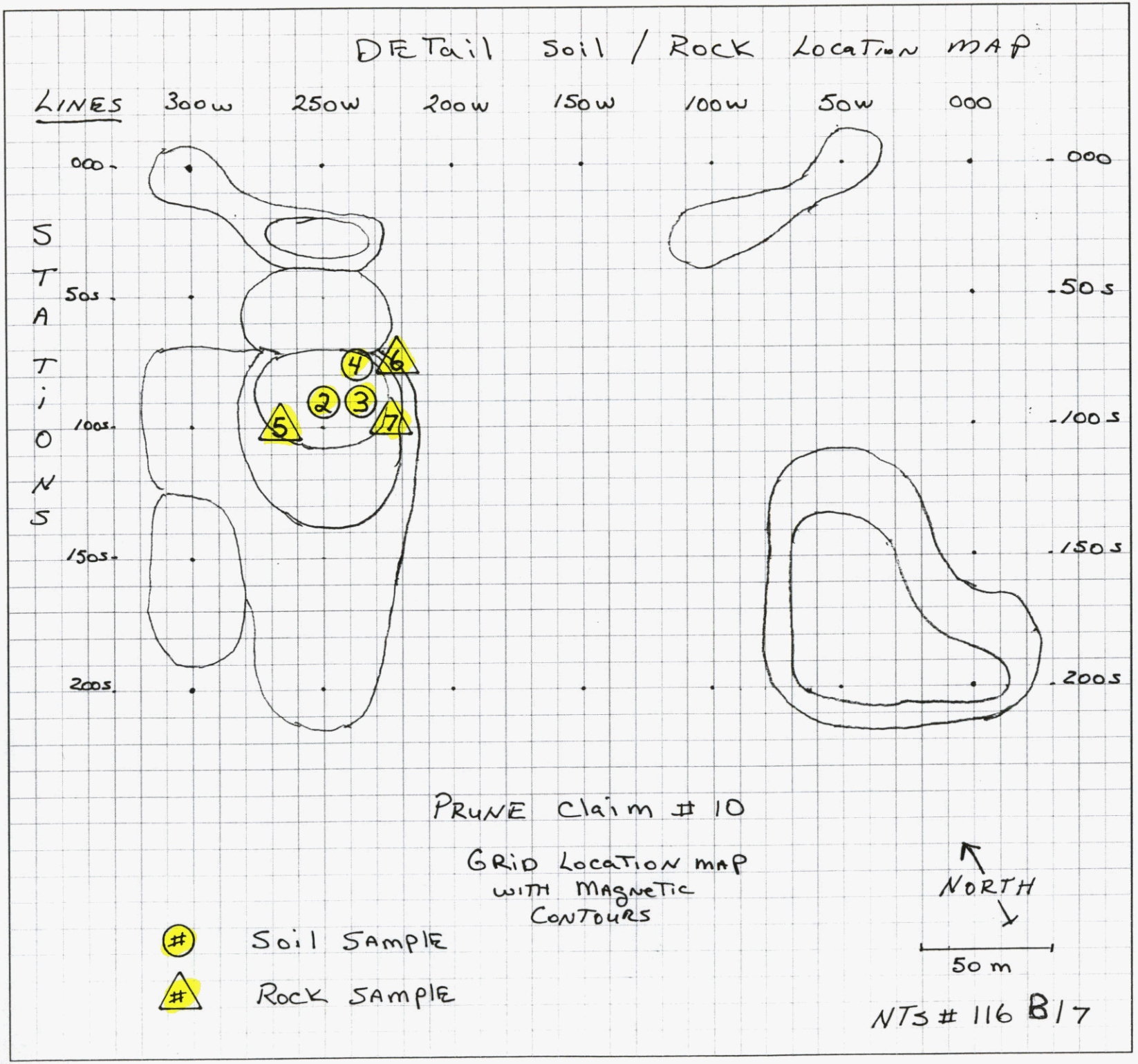


Figure # 3

DETail Soil / Rock Location MAP



PRUNE Claim # 10

GRID LOCATION MAP
WITH MAGNETIC
CONTOURS

NORTH

(#) Soil SAMPLE

(#) ROCK SAMPLE

NTS # 116 B/7

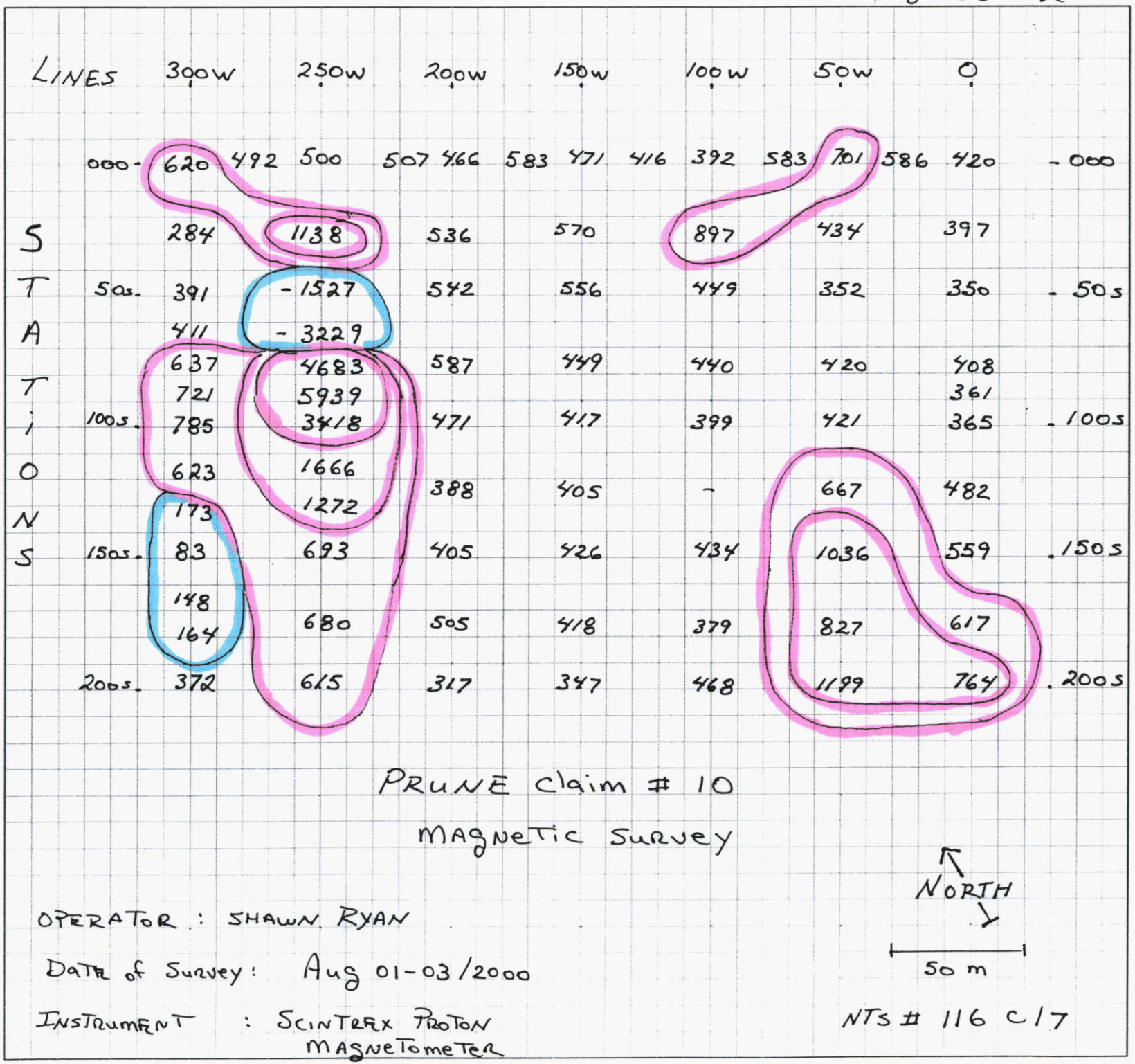
Date _____ Project _____

Job No. _____

inte graphics ltd.
YUKON'S COMPLETE QUALITY PRINTING CENTRE
411D Strickland Street,
Whitehorse, Yukon
Y1A 2K3
Phone : (403) 667-4639
Fax : (403) 668-2734

5mm x 5mm

FIGURE # 2



PRUNE claim # 10

MAGNETIC SURVEY

NORTH

50 m

OPERATOR : SHAWN RYAN

DATE of Survey: Aug 01-03/2000

INSTRUMENT : SCINTREX PROTON MAGNETOMETER

NTS # 116 C/7

5mm x 5mm

Date

Job No.

Project

inte graphics ltd.
YUKON'S COMPLETE QUALITY PRINTING CENTRE
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Whitehorse, Yukon
Y1A 2K3
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Fax : (403) 668-2734

Figure #5A

ALS Chemex

Aurora Laboratory Services Ltd.
Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: CANADIAN UNITED MINERALS INC.

BOX 1260
DAWSON CITY, YT
Y0B 1G0

Project :
Comments: ATTN: SHAWN RYAN

Page Number : 1-A
Total Pages : 1
Certificate Date: [redacted]
Invoice No. : I0116823
P.O. Number :
Account : PRP

CERTIFICATE OF ANALYSIS A0116823

	SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %
	BRE SS01	201	202	20	< 0.2	1.56	30	< 10	240	0.5	6	0.64	0.5	13	26	49	3.14	< 10	< 1	0.19	40	0.48
	BRE SS02	201	202	20	< 0.2	1.59	30	< 10	220	0.5	< 2	0.72	< 0.5	14	27	47	3.41	< 10	< 1	0.20	40	0.48
	BRE SS03	201	202	< 5	0.2	2.59	260	< 10	80	1.5	2	< 0.01	3.0	14	64	254	14.00	< 10	< 1	0.15	< 10	1.25
Silt 1 -	MAR S01	201	202	< 5	< 0.2	3.22	2	< 10	640	0.5	4	2.18	1.0	19	18	136	3.60	< 10	< 1	0.47	50	0.85
Soil 2 -	MAR S02	201	202	< 5	0.8	3.36	26	< 10	270	1.0	10	0.10	0.5	6	91	135	5.60	< 10	< 1	0.21	10	0.95
Soil 3 -	MAR S03	201	202	15	0.6	3.58	34	< 10	340	1.5	6	0.19	1.5	15	93	176	7.69	< 10	1	0.26	10	1.22
Soil 4 -	MAR S04	201	202	10	0.8	3.35	36	< 10	320	0.5	6	0.12	1.0	6	106	132	5.85	< 10	< 1	0.26	10	1.04
Soil	MAT S01	201	202	10	< 0.2	3.33	8	< 10	300	2.0	8	0.73	2.5	30	54	163	8.98	< 10	< 1	0.39	20	1.99

(#) Silt/Soil Location are on Location maps
Prune Claims

CERTIFICATION:

CHEMEX LABS Alpha-FAX2

PAGE 002

FIGURE #3b

ALS Chemex

Aurora Laboratory Services Ltd.
Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: CANADIAN UNITED MINERALS INC.

BOX 1260
DAWSON CITY, YT
Y0B 1G0

Project :
Comments: ATTN: SHAWN RYAN

Page Number : 1-B
Total Pages : 1
Certificate Date: [redacted]
Invoice No. : 10116823
P.O. Number :
Account : PRP

CERTIFICATE OF ANALYSIS A0116823

SAMPLE	PREP CODE		Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
BRE SS01	201	202	540	2	0.01	28	2020	26	0.03	2	3	67	0.08	< 10	< 10	76	< 10	112
BRE SS02	201	202	550	3	0.01	27	2220	20	0.02	4	3	69	0.09	< 10	< 10	85	< 10	112
BRE SS03	201	202	405	21	0.04	54	2430	18	1.54	6	7	51	< 0.01	< 10	< 10	46	< 10	84
MAR S01	201	202	415	1	0.08	11	4130	14	0.01	4	3	589	0.11	< 10	< 10	105	< 10	68
MAR S02	201	202	220	12	0.01	46	1120	20	0.14	10	4	28	0.13	< 10	< 10	169	< 10	184
MAR S03	201	202	415	13	0.01	72	1360	20	0.16	6	5	39	0.13	< 10	< 10	150	< 10	276
MAR S04	201	202	255	13	0.01	49	1280	22	0.19	4	5	30	0.15	< 10	< 10	188	< 10	200
MAT S01	201	202	825	9	< 0.01	168	2090	38	0.16	6	3	48	0.10	< 10	< 10	141	< 10	784

CERTIFICATION:

Figure # 4A

ALS Chemex

Aurora Laboratory Services Ltd.
Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
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Y0B 1G0

Project :
Comments: ATTN: SHAWN RYAN

Page Nber : 1-A
Total Pgs : 1
Certificate Date: [redacted]
Invoice : 10116825
P.O. Nber :
Account : PRP

CERTIFICATE OF ANALYSIS A0116825

SAMPLE	PREP CODE		Au ppb FA+AA	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %
MAT R01	205	226	< 5	< 0.2	2.63	< 2	< 10	90	2.0	< 2	1.08	< 0.5	24	99	107	4.78	< 10	< 1	1.62	20	1.94
AU R01	205	226	50	0.6	0.08	4190	< 10	350	< 0.5	< 2	0.45	< 0.5	4	71	42	1.05	< 10	1	0.06	10	0.15
MAR R01	205	226	30	< 0.2	4.08	64	< 10	40	2.0	< 2	3.31	< 0.5	40	67	82	4.13	10	< 1	0.10	10	0.14
MAR R02	205	226	< 5	< 0.2	1.85	44	< 10	110	2.0	< 2	1.27	< 0.5	29	18	26	4.63	10	< 1	1.22	10	1.20
MAR R03	205	226	15	0.6	4.59	336	< 10	30	1.0	< 2	6.38	< 0.5	42	42	64	4.47	10	< 1	0.22	10	0.16
MAR R04	205	226	10	1.4	0.14	966	< 10	40	< 0.5	< 2	0.12	< 0.5	97	120	595	1.19	< 10	< 1	0.07	10	0.03
MAR R05	205	226	15	< 0.2	7.27	336	< 10	30	2.0	< 2	5.21	< 0.5	48	270	67	5.97	10	< 1	1.26	10	2.08
MAR R06	205	226	< 5	< 0.2	1.10	2	< 10	70	0.5	< 2	0.55	< 0.5	6	79	29	1.90	< 10	< 1	0.30	10	0.46
MAR R07	205	226	5	0.6	1.14	6	< 10	70	1.0	< 2	0.06	3.0	13	118	168	2.23	< 10	< 1	0.28	10	0.62
BRE R04	205	226	785	< 0.2	1.50	316	< 10	400	1.5	36	3.17	< 0.5	5	23	42	3.28	10	< 1	0.72	60	0.54

(#) Rock Sample Location on Sample Location map

PRUNE claims

CERTIFICATION:

ALSCHEMEX LABS Alpha-FAX

FISHER # 46

ALS Chemex

Aurora Laboratory Services Ltd.
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212 Brooksbank Ave., North Vancouver
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CERTIFICATE OF ANALYSIS A0116825

SAMPLE	PREP CODE	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
MAT R01	205 226	1005	< 1	0.02	68	2190	6	1.02	< 2	3	32	0.21	< 10	< 10	95	< 10	166
AU R01	205 226	410	1	< 0.01	12	90	8	0.29	50	1	42	< 0.01	< 10	< 10	5	< 10	6
MAR R01	205 226	100	7	0.24	182	2100	2	2.50	8	1	241	0.25	< 10	< 10	34	< 10	16
MAR R02	205 226	175	1	0.11	33	4270	< 2	0.79	< 2	4	54	0.32	< 10	< 10	61	< 10	98
MAR R03	205 226	205	1	0.11	182	1810	2	1.76	2	< 1	300	0.16	< 10	< 10	14	< 10	32
MAR R04	205 226	130	12	< 0.01	146	< 10	2	0.33	< 2	< 1	4	< 0.01	< 10	< 10	1	< 10	20
MAR R05	205 226	240	6	0.05	182	3210	8	3.43	< 2	3	709	0.36	< 10	< 10	101	< 10	78
MAR R06	205 226	80	1	0.06	19	120	6	0.81	2	2	47	0.09	< 10	< 10	22	< 10	30
MAR R07	205 226	75	11	0.02	89	250	6	1.70	6	5	5	0.01	< 10	< 10	116	< 10	242
BRE R04	205 226	980	< 1	0.05	7	780	10	0.34	< 2	4	113	0.15	< 10	< 10	48	< 10	32

CERTIFICATION:

LEGEND

ROCK TYPES

CRETACEOUS

5 Mt. Brenner stock: equigranular to porphyritic, hornblende - biotite - augite monzonites, quartz monzonite, minor pyroxenite, aplite. 5a, biotite augite monzonite; 5b, porphyritic monzonite/syenite, radioactive; 5c, metapyroxenite; 5d, augite - plagioclase porphyritic monzonite; 5e, trachytic, porphyritic syenite/monzonite; 5f, augite - biotite lamprophyre.

4 "Keno Hill Quartzite": thick bedded, massive, orthoquartzite, lesser interbedded slates.

JURASSIC

3 "Jurassic Schist": hornfelsic siltstone, quartzite, shaley phyllite, pyritiferous shale. 3a, red - brown weathering meta - siltstone, quartzite; 3b, black shaley phyllite 3c, grey - black, pyritiferous shale.

PERMIAN

2 Tahkandit Formation: grey & white, crystalline, bioclastic limestone; chert pebble conglomerate at base; thinly bedded grey chert in middle part.

ORDOVICIAN & SILURIAN

1 Road River Formation: grey & black argillite, thick bedded to thinly laminated black shale, with lesser quartzite, siltstone, chert, chert breccia with shaley matrix.

SYMBOLS

- Geological contact, defined.
- Geological contact, assumed.
- Primary flow layering, dip unknown, inclined.
- Bedding, inclined, tops unknown, tops known.
- Joint set, inclined.
- Vein, inclined
- Foliation: inclined, vertical, dip unknown.
- Fault zone

32°25' E

MAGNETIC NORTH

MATTAGAMI LAKE EXPLORATION LIMITED.

WESTERN FIELD OFFICE

EDMONTON, ALBERTA.

MARN PROJECT

DAWSON MINING DISTRICT. YUKON TERRITORY.

MAP 1, GEOLOGY

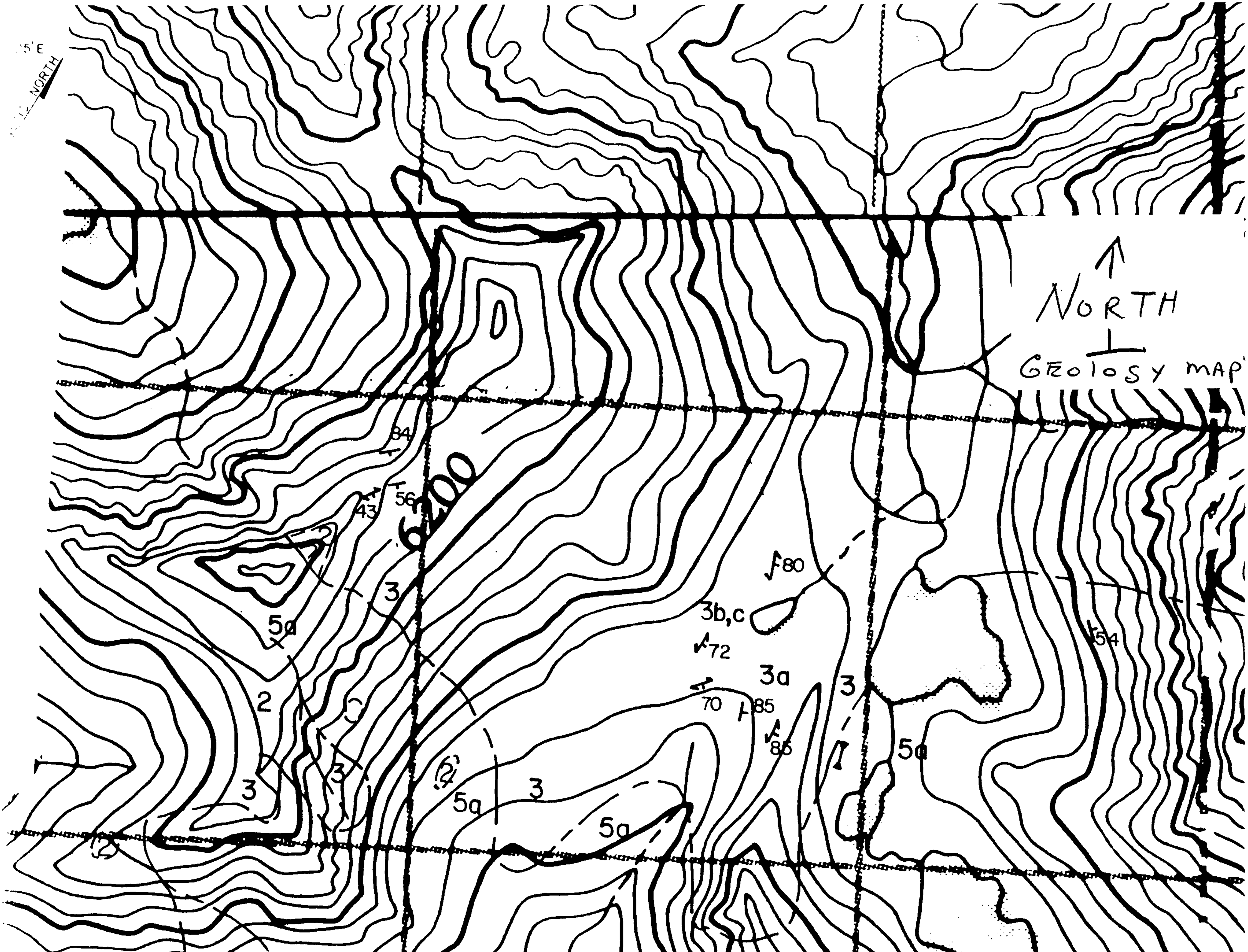
NTS 116 B/7 & B/10

DRAWN BY: D.R. BULL.

DATE: FEBRUARY 1980

SCALE OF METRES

0 100 200 300 400 500 600 700 800 900 1000



NORTH
GEOLOGY MAP
6200
84
56
43
80
3b,c
72
3a
3
70
85
86
5a
54
2

PRUNE Claims

MAGNETIC SURVEY

BASE LINE	TIME	RAW	DRIFT	CORRECTED
0	9.18	57420	0	57420
25		586		586
50		700	+1	701
75		582		583
100 W		390	+2	392
.		414		416
50		468	+3	471
.		580		583
200 W		462	+4	466
.		503		507
50		494	+6	500
.		486		492
300 W		614		620
150 W	9.30	462	+9	471
000	9.33	414	+6	420

PRUNE Claim P.02

L 000

STATION	TIME	RAW	DRIFT	CORRECTED
000	9.34	413	+ 7	57420
		391	+ 6	397
50 S		346	+ 4	350
		406	+ 2	408
100 S		361		361
		365	0	365
		483	- 1	482
150 S		562	- 3	559
		621	- 4	617
200 S	9.41	769	- 5	57764

L 50W

200 S	9.45	58207	- 8	58199
		57836	- 9	57827
150 S		58046	- 10	58036
		57679	- 12	57667
100 S		57434	- 13	57421
		435	- 15	420
50 S		368	- 16	352
		452	- 18	434
000	9.50	720	- 19	57701

PRUVE Claim

L 100W

STATION	TIME	RAW	DRIFT	CORRECTED
000	9.54	57393	-1	7392
.		898		897
50		449	0	449
.		440		440
100 S	.59	398	+1	399
.		-		.
150 S	10.04	432	+ 2	434
.		377		379
200 S	10.07	465	+ 3	468

L 150W

200 S	10.10	57343	+ 4	347
.		414		418
150 S		422		426
.		400	+ 5	405
100 S	10.16	412	+	417
.		443		449
50 S		550	+ 6	556
		563		570
HIT BLAST 175W 000		614		583
TI IN 200W	10 21	57459	+7	57466

PRUNE claim

L 200W

STATION	TIME	RAW	DRIFT	CORRECTED
000	10.23	57458	+8	466
.		528		536
50		534		542
.		579		587
100S		464	+7	471
.		381		388
150S		398		405
.		498		505
200S	10.30	311	+6	317

L 250W

STATION	TIME	RAW	DRIFT	CORRECTED
200S	10.33	57609	+6	57615
.		674		680
150S		57687		57693
.		58266		58272
		•58660		•58666
100S		60412		60418
		•62933		•62939
.		61678	+5	61683
		•53766		•53771
50S		55468		55473
.		58133		58138
000		57852		57857
000	10.45	57496	+4	57500

PRUNE Claim

L 300 W

STATION		TIME	RAW	DRIFT	CORRECTED
000		1.54	57623	-3	620
			287	-3	284
50 S			395	-4	391
			422		418
			642	-5	637
100 S			727		721
			791	-6	785
			630	-7	57623
150 S			57180		57173
			091	-8	57083
			57156	-8	57148
200 S	203		172		57164
			57081	-9	57372
T. IN 000	208		[illegible]	-11	620