

Carmack Fork
Incentive Program
Application #95-065

Geological & Work Report

Placer Lease #9549

Latitude 63°55'
Longitude 137°08'

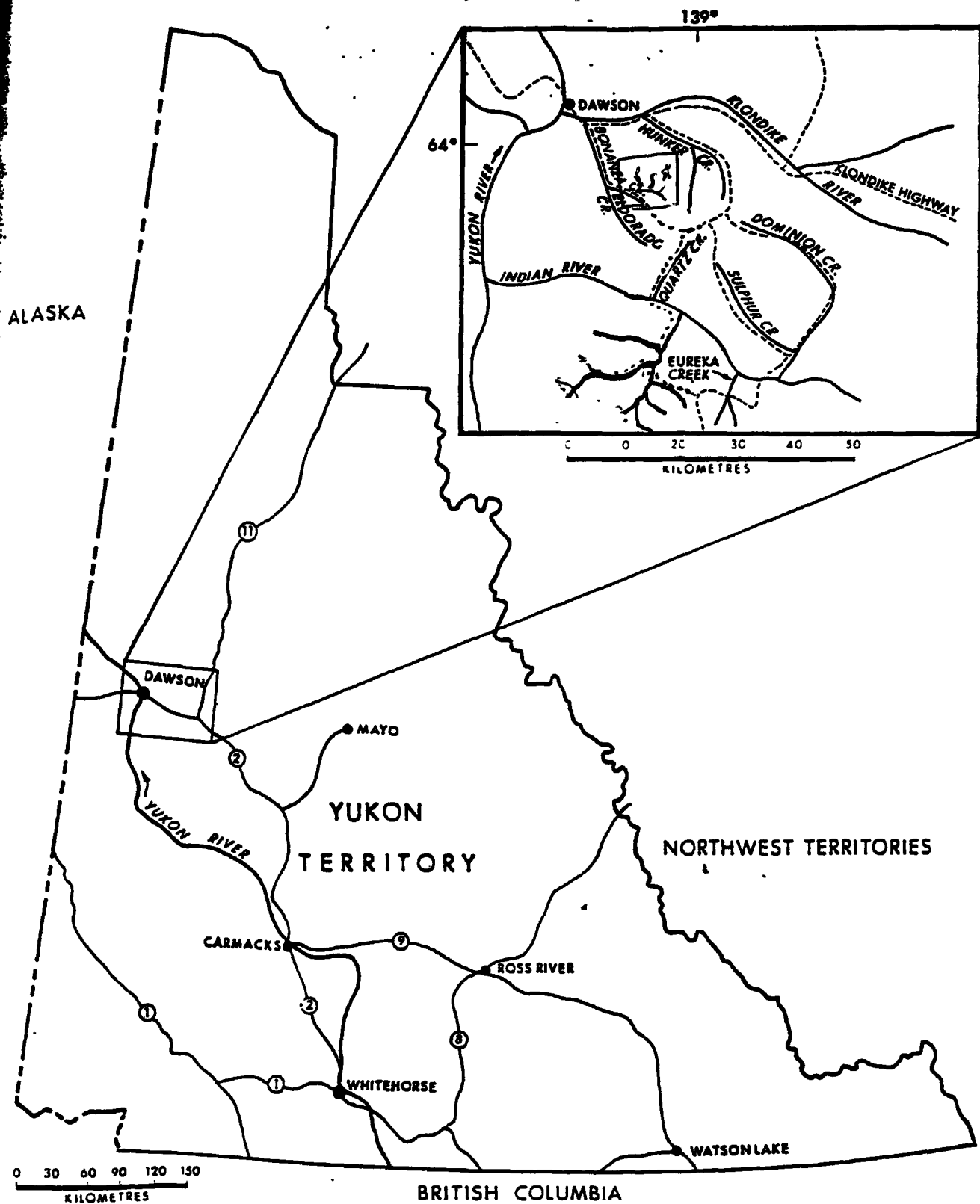
NTS Map Sheet 115-0-14f/g
Dawson Mining District
Yukon Territory

(Period May 1, 1995 - January 28, 1996)

For
Reid Haines
Box 154
Dawson City, YT Y0B 1G0

TABLE OF CONTENTS

	Page
Map Location	1
Location and Access	2
Geography	2
Results and Recommendations	2 - 3
Work Performed	3 - 4
Cost Sheet	5
Total Expenditures	6
Maps:	7
Drill Holes	
Cat Work	
Shaft Sites	



Go-Old Mining & Expl.
 Location of property
 Carmack Fork
 Map 115-0-14f/g

FIGURE 1

Location and Access

Placer Lease #9549 Map #115-0-14f/g is located on Upper Bonanza Creek. Take Bonanza Creek road approximately 18 miles upstream until you come to a 2 mile park lease at the end of the 2 mile park is a road that turns left off Upper Bonanza road. Turn left and proceed for 3/4 of a mile. Here the road terminates and you have to walk. The lease covers 2 miles.

Geography

The whole area is underlain with Klondike schists. There has been a reconcentration of the area over time. Vast amounts of sulphides can be found in just about every spot along with magnetite and small amounts of garnet. Some traces of azurite and malachite can be found in the upper levels of Carmack Fork.

Results and Recommendations

Drilling - Small trace of amounts of gold were found in drill holes #1, #3, #4, & #6. Holes #2 & #5 had nil traces. All holes had vast amounts of sulphides (pyrite) and magnetite intermixed with ground Klondike schist. Small amounts of garnets and lots of quartz chunks. (Broken quartz from drill bit is an indication of lots of quartz boulders).

Cat D7 - Stripping of vegetation and thawed ground down to frozen ground was done in areas where possible ripple effect of bedrock occurred. Ground was left to thaw as much as possible.

Shaft #1 - Shaft sunk across the creek from drill hole #2. Shaft was sunk to determine gold values from drill results from earlier drilling done by Queenstake. Gold values were not there to the extent of drill holes proved. Approximately \$2.00/yd³ was recovered from the shaft.

Shaft #2 - Shaft sunk down on drill hole #4. Explosives were used by steaming pattern around drill holes and blasting dirt. By repeating the process bedrock was realized in this way. Gold values were much the same as shaft #1 \$2.00 /yd³.

It is the author's recommendation that a 225 backhoe be brought in to dig up the spots that were stripped by the Cat. If no further results exceed values found then ground should be dropped.

Work Performed

Auger drill 6" - The objective to drilling was to prove up old drill reports and results from Queenstake's drilling program done in 1983. The results found did not even come close to the ones found by Queenstake's geologist.

Drilling was performed by Adrienne Holis and Reid Haines. The drilling started on May 22, 1995 and ended on May 23, 1995.

Cat D7 - A cat was used to strip vegetation from areas where bedrock reefs come out into the creek. Some areas were thawed enough to get down 6' to 7'. Gravel was reached in two different spots. Some very big quartz boulders were uncovered 3' in diameter. Stripping was done to thaw the ground enough to bring in a backhoe to do yardage tests.

Shafting (2 shafts were sunk) - Shaft #1 was sunk across the creek from drill hole #2 in a spot that would check both Flannery Pup and main Carmack Fork gold bearing gravels. 8ft of mud was removed down to gravel. As gravel was removed, panning was done all the way down so that top layers of gravel were checked for gold values along with bottom gravels and bedrock. Lots of quartz boulders and schist boulders were taken out of the shaft. Vast amounts of pyrites and magnetite were found along with small amounts of garnets and there was little gold. Depths reached were 8 ft of mud then layers of gravel down another 14 ft to bedrock contact then into bedrock another 2 ft. The total depth of the shaft was 24 ft. A steamer was used to thaw the ground.

Shaft #2 was sunk down on drill hole #4 as it was a very good reef location to determine upper level Gold values. A steamer was used to thaw pattern holes around main drill hole then loaded holes with amax and dynamite. Dirt was much easier to remove. Mud was 6ft deep, gravels were bedded layers again with lots of quartz boulders, one as big as 1½ ft in diameter. Once again there were lots of pyrites. Gravels were thawed over a fire to be able to pan for gold values. Found traces of azurite and malachite, some small specimens of quartz with galena and low gold values. Shaft was 6ft mud then down through 14 ft of layered gravels and 2 ft of bedrock. Total depth of the shaft was 22ft.

Cost Sheet

Drilling:

168 ft drilled at \$20.00 per foot \$3360.00

Cat D7:

19 hrs at \$70.00 per hour \$1330.00

Hauling 2½ hrs at \$85.00 per hour 212.50

GST 107.98

Cat D7 Total \$1650.48

Wages:

34 days at \$150.00 per day \$5100.00

ATV 4x4:

2 days on drill

2 days on Cat

14 days Shaft #1

18 days ÷ 7 days = 3 weeks at \$500.00 per week \$1500.00

Ski-doo:

14 days Shaft #2 = 2 weeks at \$650.00 per week \$1300.00

Steamer:

28 days at \$60.00 per day \$1680.00

Chainsaw:

\$300.00 per month \$ 300.00

Living Allowance:

34 days at \$55.15 per day \$1874.10

Truck and Milage:

57.6 km return - 25 trips = 1440 km at 40¢ per km \$ 576.00

Total Expenditures

Wages	\$ 5100.00
Living Expenses	1874.10
Equipment Rental	9790.48
Truck	576.00
Typing	<u>85.60</u>
Total Expenses	<u><u>\$17426.18</u></u>

PLACER DRILL LOG

Date: _____ Time: _____ Driller: Adrianne Holis Helper: Reid Hames
Type of Drill: 6" Auger Inside Diameter of Drill: 6" Auger
Location: Carmack Fork Lease or Grant Numbers: _____

[illegible]

Date:

Signed (Driller or Representative)

[Signature]



Indian and Northern
Affairs Canada

Affaires indiennes
et du Nord Canada

.035 oz cu ya
#300 10.50 cu ya

CARMACK FORKS
UPPER BONANZA CREEK

Hole #	Depth	Color Classification				Total
		VF	F	M	C	
UBC #1	0-2					
	2-4					
	4-6	-	-	-	-	
	6-8	1	1	-	1	4
	8-10	5	2	-		7
	10-12	26+	13	8	2	49
	12-14	3	-	-	1	4
	14-16	1	2	-	-	3
	16-18					
UBC #2	0-2					
	2-4					
	4-6					
	6-8	4+	1	1	-	6+
	8-10	2	-	1	-	3
	10-12	-	2	-	-	2
	12-14	-	1	-	-	1
	14-16	1	-	-	-	1
	16-18	-	-	-	-	-
UBC #2a	18-20	5+	-	-	-	5+
UBC #2a	Muck	0-2				
		2-4				
		4-6				
	Gravel	6-8				
		8-10				
		10-12	-	1	-	1
UBC #2a	Bedrock	12-14				
		14-16	-	-	-	
UBC #3	Muck	0-2				
		2-4				
	Gravel	4-6	-	-	-	-
		6-8	4+	-	-	4+
	Bedrock	8-10	3	-	-	3
		10-12	trace +	-	2	2+



CARMACK FORKS
UPPER BONANZA CREEK

Hole #	Depth	Color Classification				Total
		VF	F	M	C	
UBC #4	0-2					
	2-4					
	4-6					
	6-8					
	Muck 8-10					
	10-12					
	12-14					
	Gravel 14-16					
	16-18	-	-	-	-	
UBC #5	Bedrock 16-22					
	Muck 0-2					
	2-4					
	4-6					
	Gravel 6-8	-	-	-	-	
	8-10	-	1	1	-	2
UBC #6	Bedrock 10-14	-	-	-	-	
	Muck 0-2					
	2-4					
	4-6	-	-	-	-	
	Gravel 6-8	3	1	3	1 c 1 vc	9
	8-10	-	1	1	-	2
	10-12	-	-	-	-	
	Bedrock 12-16					
UBC #7	0-30					
	Gravel 30-32	-	-	-	-	
	32-34	-	-	-	-	
	Bedrock 34-36	-	-	-	-	
	36-38	-	1	-	-	1



CARMACK FORKS
UPPER BONANZA CREEK

Hole #	Depth	Color Classification				Total
		VF	F	M	C	
UBC #8	0-16					
	16-18	-	-	-	-	
	18-20					
	20-22					
	22-24	-	-	-	-	
	24-26	-	-	1	-	1
UBC #9	0-14					
	14-16	-	-	-	-	
	16-18					
	18-20	-	-	-	-	
	20-22	-	-	-	-	
	22-24	-	-	-	1	1
	24-26	-	-	-	-	



1983 Placer Evaluation Project

Between the ninth and thirteenth day of August, 1983 an exploration road was excavated to claim post CF 15/16. A total of ten (10) rotary holes, 208 feet, were drilled to bedrock. Samples, excluding muck, were collected in two foot intervals in large sample bags. Each sample was processed in a long-tom. The concentrate from each sample was panned, visually color classified and if warranted, amalgamated. The results of the drill program are summarized on Table 1. The only sample warranting amalgamation was hole UBC-1, interval 10-12 which has a grade of .034 ounce gold per cubic yard. Two years of assessment credit was applied for with the Dawson Mining Recorder on the seventh day of September. Due to the lack of time and cold weather approaching a follow-up bulk sampling program was not initiated.

Interpretation of Results

Carmack Forks is definitely gold bearing. Drill results indicate that gold occurs either in a discontinuous channel or in a coarse size fraction (ie nugget effect). All gravel samples contained a large percentage of black sand associated with minor pyrite and garnets indicating that the creek has gone through a process of concentration.

Recommendations

1. Renegotiate the joint venture agreement with Al Lueck to allow Queenstake until July 30, 1984 to make a decision as to whether the property contains economical values of gold to sustain a mining operation.
2. Should the agreement be successfully renegotiated Queenstake shall commit to a second phase evaluation program by either digging test pits with an excavator and processing bulk samples or contracting an individual to sink two or more shafts down to bedrock this winter.
3. Should the second phase evaluation program not determine that the property contains economic concentration of gold then Queenstake should terminate the agreement with Lueck.

13 JAN. 82

HISTORICAL RESERVE
1973 - 1925

CARMACK

FORK

Hole	Muck	Gravel	Bedrock
UBC 1	0-2'	2-14' (12)	14'
2	0-2'	2-14' (12)	14'
2a	0-2'	2-14' (14)	16'
3	0-4'	4-12' (8)	12'
4	0-15'	15-18' (3)	18'
5	0-4'	4-10' (6)	10'
6	0-4'	4-12' (8)	12'
7	0-30'	30-34' (4)	34'
8	0-16'	16-22' (6)	22'
9	0-14'	14-22' (8)	22'

Proposed
Shaft locat

1983 Drill program Greenstate Res.

YUKON MINING INCENTIVES PROGRAM

FINAL SUBMISSION FORM

INSTRUCTIONS: Please read the guidebook before completing form.
Please type or print.

Submit completed form and Summary or Technical Report by December 31 for the
Grassroots Prospecting and Grassroots Grubstake programs and by February 28 for
the Target Evaluation programs to:

Yukon Mining Incentives Program
Economic Development
Government of the Yukon
Box 2703, Whitehorse, Yukon, Y1A 2C6

**TO BE COMPLETED AFTER PROJECT COMPLETION AND ACCOMPANIED BY THE SUMMARY OR
TECHNICAL REPORT**

Applicant Reid Heimer File Number 95-065

Proposed project area(s) (NTS map no. and project name) completed?
Attach list if space is insufficient.

- | | | | |
|----|----------------------------------|--------------|----|
| 1. | <u>Carmack Fork 115-C-14 f/g</u> | <u>(Yes)</u> | No |
| 2. | _____ | Yes | No |
| 3. | _____ | Yes | No |
| 4. | _____ | Yes | No |

Changes to proposed projects(s) (if any)

Drilling

List other partners or personnel that worked on the project

N/A

I. WORK PERFORMED BY APPLICANT

1. Project #1 area/name	<u>Carmack Fork</u>	No. of days worked by Applicant
Traditional prospecting	No. of Samples <u>100 pans</u>	<u>N/A</u>
Geological surveys	Scale _____	_____
Geophysical surveys	Type _____ km _____	_____
Geochemical surveys	Type _____ No. of Samples _____	_____
Drilling	Type <u>Auger</u> Ft./m. <u>168'</u>	<u>2</u>
Trenching	Method <u>D-7 Cat</u>	<u>2</u>
Other	Type <u>shafting</u>	<u>32</u>
TOTAL		<u>36+</u>

2. Project #2 area/name _____ No. of days worked
by Applicant _____

Traditional prospecting	No. of Samples _____	_____
Geological surveys	Scale _____	_____
Geophysical surveys	Type _____ km _____	_____
Geochemical surveys	Type _____ No. of Samples _____	_____
Drilling	Type _____ Ft./m. _____	_____
Trenching	Method _____	_____
Other	Type _____	_____
TOTAL		_____

3. Project #3 area/name _____ No. of days worked
by Applicant _____

Traditional prospecting	No. of Samples _____	_____
Geological surveys	Scale _____	_____
Geophysical surveys	Type _____ km _____	_____
Geochemical surveys	Type _____ No. of Samples _____	_____
Drilling	Type _____ Ft./m. _____	_____
Trenching	Method _____	_____
Other	Type _____	_____
TOTAL		_____

4. Project #4 area/name _____ No. of days worked
by Applicant _____

Traditional prospecting	No. of Samples _____	_____
Geological surveys	Scale _____	_____
Geophysical surveys	Type _____ km _____	_____
Geochemical surveys	Type _____ No. of Samples _____	_____
Drilling	Type _____ Ft./m. _____	_____
Trenching	Method _____	_____
Other	Type _____	_____
TOTAL		_____
TOTAL DAYS (ALL PROJECTS)		_____

(Attach additional sheets for additional project areas as required)

III. SIGNIFICANT RESULTS (please complete)

Project Area	New Showings and/or Anomalies	Commodity	Best Analyses
<u>Cornack Fork</u>	<u>✓</u>	<u>Ag</u>	<u>Trace</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

IV. CLAIMS STAKED DURING/AFTER PROSPECTING ACTIVITY (please complete)

Project Area	Claim Numbers	Number of Claim Units
<u>Cornack Fork</u>	<u>lease</u>	<u>1 mile</u>
<u>On RLT " "</u>	<u>3 claims</u>	<u>3</u>
_____	_____	_____
_____	_____	_____

V. OPTION AGREEMENTS RESULTING FROM YMIP PROJECT (please complete)

Optionee	Property/Claim	Dollar Value of Work Commitment
_____	_____	_____
_____	_____	_____

VI. TYPE OF MINERAL EXPLORATION UNDERTAKEN (please check one)

☐ Preliminary work on claims
☒ Initial exploration
☒ Advanced exploration
☐ Development

VII. VALUE OF GOODS AND SERVICES PURCHASED (estimate, please complete)

Within the Yukon \$ \$7000.00
 Outside the Yukon \$ _____

VIII. RESULTS OF MINERAL EXPLORATION (please complete)

☐ The discovery of a new prospect.
☒ The identification of a prospect warranting further exploration.
☐ The identification of an economic mineral deposit.
☒ The identification of a deposit which cannot support production.

II. REMAINING EXPENDITURES (total of all project areas)

1. Daily Living Expense Claimed Only by Individuals
No. of days x YG rate/person, per day $34 \text{ days} \times \$551.5 =$ \$ 1874.10
2. Travel (state method: road, air, etc.)
Truck - total km x YG rate/km $1440 \text{ km} \times \$4.00 =$ \$ 576.00
Air \$ _____
Other \$ _____
3. Analyses/Assay Costs \$ _____
4. Equipment Rentals/Supplies (specify)
Skidoo \$ 4300.00
4x4 ATV \$ 1500.00
57 Can. 2 \$ 1680.00
5. Contractors (state name and type of work)
Reid Haines wages... shifting, operating. \$ 5100.00
..... \$ _____
6. Line Cutting 1.1 mile + 3 claims staked \$ _____
during summer
7. Geochemical Survey (specify sample type)
No. of Samples x Price per Assay \$ _____
..... \$ _____
8. Geophysical Survey (specify type of survey)
No. of km x Price per km \$ _____
..... \$ _____
9. Trenching (specify equipment used) D-7 Cat
Total cubic yds/m moved x Price per cubic yds/m .. \$ 16802.48
 $30' \times 20' \times 5' \times 6 \text{ areas}$
10. Drilling (specify diamond or percussion) 168' @
No. of feet or m x Price per foot or m \$ 20.00 .. \$ 3360.00
 $30' \times 20' \times 5' \times 6 \text{ areas}$
11. Report Preparation \$ 45.60
12. Other Expenses (specify, i.e. helpers)
chain saw \$ 300.00
..... \$ _____
..... \$ _____

TOTAL EXPENDITURES \$ 17426.18

Attach list if space is insufficient.

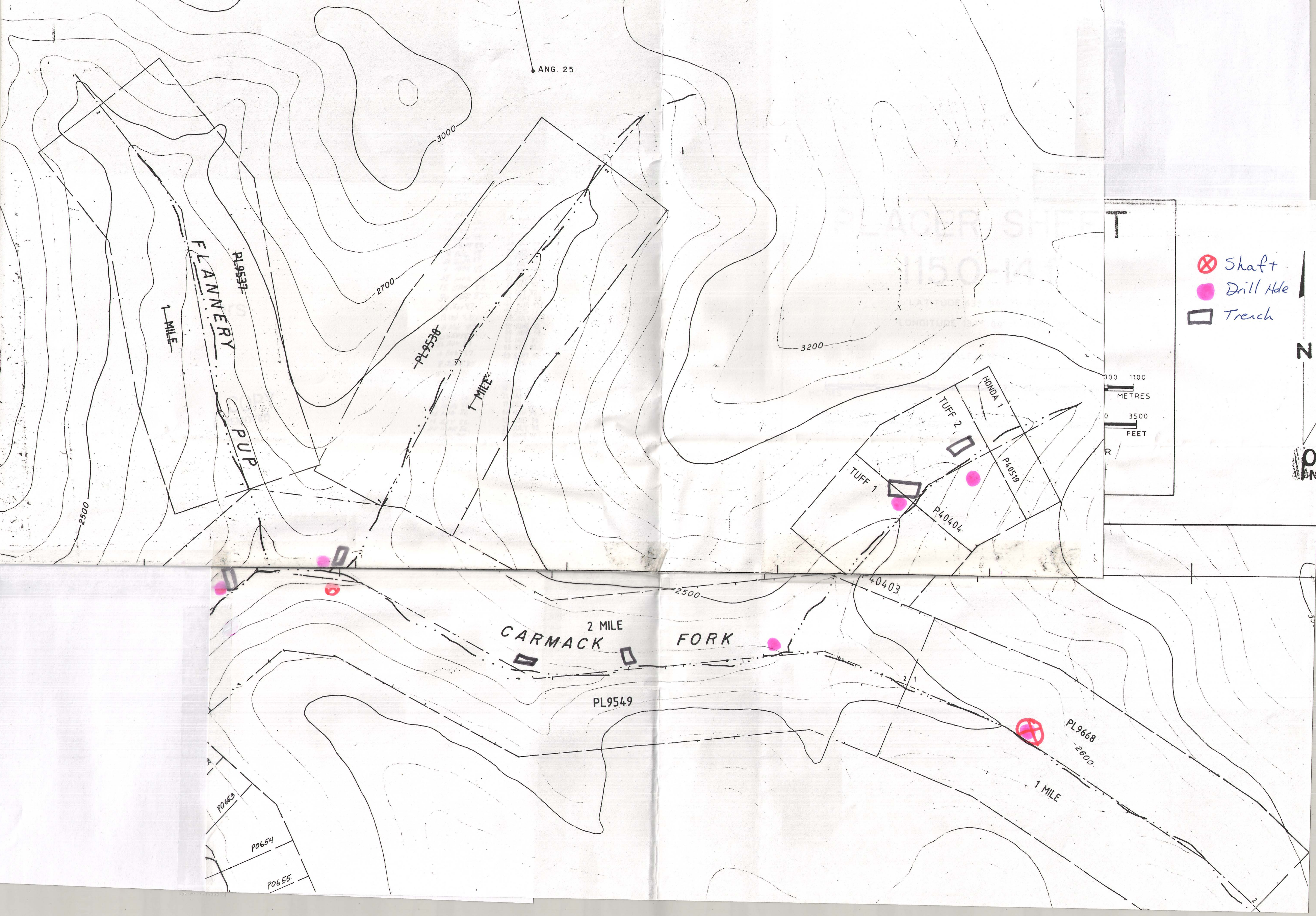
The Department of Economic Development may verify all statements related to and made herein this application.

1. I am the person, or the representative of the company or partnership, named in the Application for Contribution under the Yukon Mining Incentives Program.
2. I am a person who is nineteen years of age or older, or represent a person, who is ordinarily a resident of Canada.
3. I have complied with all the requirements of the said program.
4. I hereby apply for the final payment of a contribution under the Yukon Mining Incentives Program (YMIP) and declare the information given above to be true and accurate.

Signature of Applicant *Reid Haines* Date *Jan 25/96*

Name (print) *Reid Haines*

Position or Title *Prospector / miner*



Programme affaires du Nord

● Drill/
○ Shaft
□ TRENCH

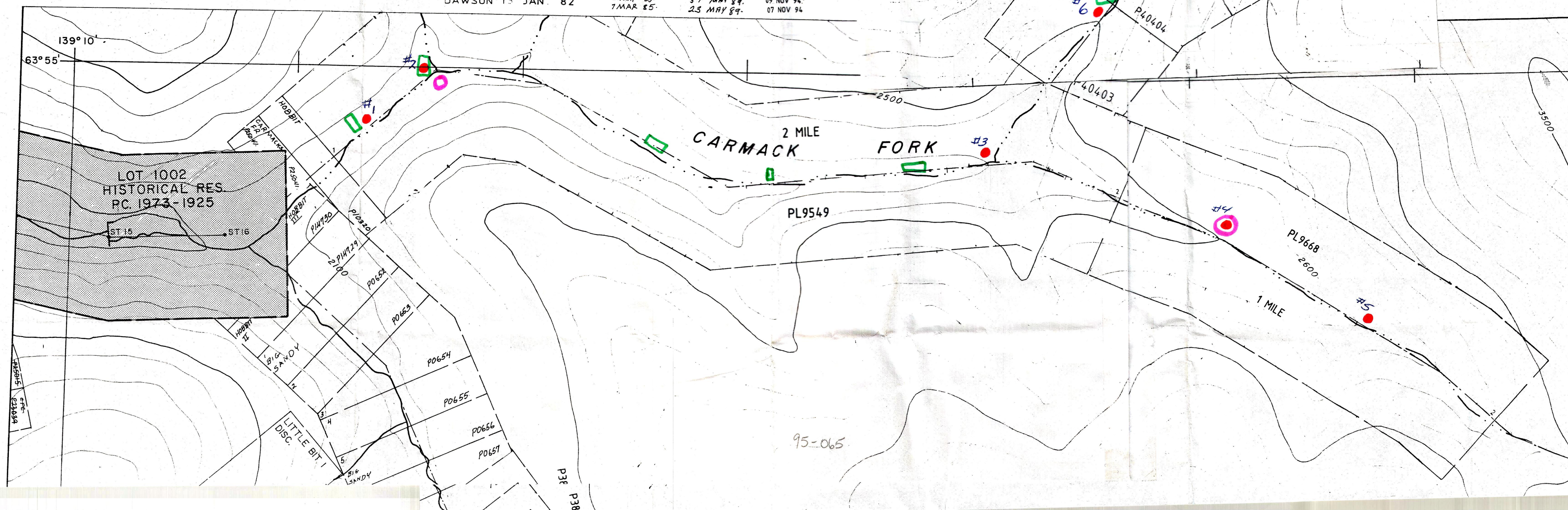
OFFICE COPY
NOT TO BE REMOVED

Canada

1 FEB. 85
DAWSON 13 JAN. 82

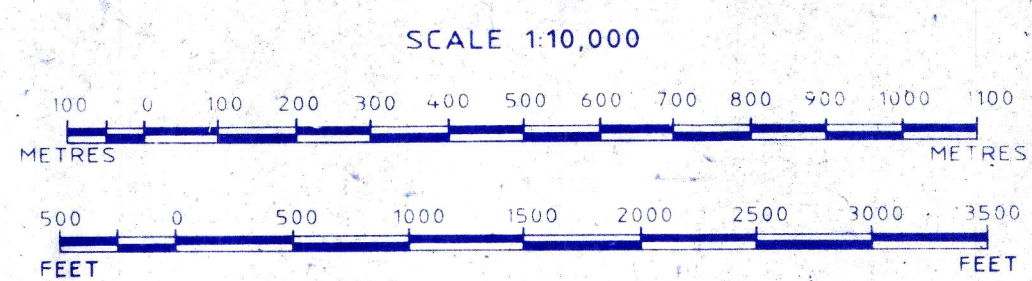
6 AUG 88	27 AUG 93
20 JUNE 88.	AUG 93
4 MAY 88.	26 JULY 93
	12 JULY 93
28 MAR 88.	21 JUNE 93
15 JAN 87.	27 OCT 92
30 DEC 87.	15 OCT 92
24 NOV 87.	21 SEPT 92
19 NOV 87.	24 AUG 92
	12 AUG 92
	28 JULY 92
4 NOV 87.	18 JUNE 92
22 SEPT 87.	09 JUNE 92
26 AUG 87.	06 NOV 91
10 AUG 87.	08 OCT 91
	03 SEPT 91.
8 JUNE 87.	21 AUG 91.
	06 AUG 91
5 NOV 86.	22 JULY 91
29 OCT 86.	12 JULY 91
15 OCT 86.	21 JAN 91
1 OCT 86.	17 DEC 90
12 SEPT 86.	06 NOV 90
25 AUG 86.	13 AUG. 90
16 JULY 86.	23 JULY 90
24 MAR 86.	21 JUNE 90
4 DEC 85.	12 JUNE 90
10 SEPT 85.	27 DEC 89.
27 AUG 85.	7 NOV 89.
21 AUG 85.	6 SEPT 89.
16 JULY 85.	5 JULY 89.
28 JUNE 85.	22 JUNE 89.
17 JUNE 85.	12 JUNE 88.
13 JUNE 85.	31 MAY 88.
29 MAY 85.	23 MAY 88.
15 MAY 85.	
7 MAR 85.	
	29 SEPT 93
	28 AUG 93
	11 JULY 95
	10 JULY 95
	21 JUNE 95
	08 JUNE 95
	01 DEC 94
	25 NOV 94
	09 NOV 94
	07 NOV 94

OFF
NOT T



PLACER SHEET 1150-14g

LATITUDE 63°55' to 64°00'
LONGITUDE 139°00' to 139°10'



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

NOTICE

THIS MAP IS ISSUED AS A PRELIMINARY GUIDE
FOR WHICH THE DEPARTMENT OF INDIAN AFFAIRS
AND NORTHERN DEVELOPMENT WILL ACCEPT NO
RESPONSIBILITY FOR ANY ERRORS, INACCURACIES
OR OMISSIONS WHATSOEVER.

TOPOGRAPHY COMPILED FROM 1:50,000
NATIONAL TOPOGRAPHIC SERIES
CONTOUR INTERVAL 100 FEET
SURVEY INFORMATION COMPILED FROM
LEGAL SURVEYS, BY DRAFTING SERVICES.

116B-3b	116B-3a	116B-2
1150-14h	1150-14g	1150-15i
1150-14e	1150-14f	115015-d

NOTE: FOR QUARTZ CLAIMS SEE 1150-14

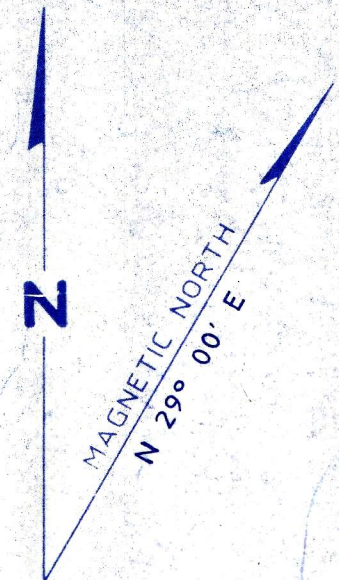


PLACER SHEET
1150-14f

LATITUDE 63° 50' 10" 63°55'
LONGITUDE 139° 00' 10" 139° 10'

SCALE 1:10,000

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



NOTICE

THIS MAP IS ISSUED AS A PRELIMINARY GUIDE FOR WHICH THE DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT WILL ACCEPT NO RESPONSIBILITY FOR ANY ERRORS, INACCURACIES OR OMISSIONS WHATSOEVER.

TOPOGRAPHY COMPILED FROM 1:50,000 NATIONAL TOPOGRAPHIC SERIES
CONTOUR INTERVAL 100 FEET
SURVEY INFORMATION COMPILED FROM LEGAL SURVEYS, BY DRAFTING SERVICES

Note: Entry on certain lands is withdrawn from staking in screened areas by Orders in Council.

1150-14h	1150-14g	1150-14f
1150-14e	1150-14f	1150-14d
1150-14b	1150-14a	1150-14c

